Des.	Pos.	Description
C101	B 3	Connector, 66-pole
C218	B 5	Connector, 21-pole
C419	D 4	Connector, 3-pole
C479	D 3	Joint connector green CAN
E17	D 5	Control unit, climate
G5	D 2	Joint connector, ground
G8	B 4	Joint connector, ground
G13.S	B 2	Ground, torpedo wall
H12	A 2	Heater, water to air
O2	A 4	Clock Timer
P2	E 5	Central electric unit
V41	A 3	Fuel metering pump

Cable designation

AWD35 . OG - 1

Cable marking

Cable colour (Orange)

Conductor area (mm^2)

Colour code of electric cables	
Code	Colour
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink

See POW

P2 No.38 20A 87V D-13 — No. 27 5A 30/L C-18

AHS2.RD-2.5 AHS3.RD-0.75

G5 POW 21 5 6 7 8

AHS15.BK-2.5

E17 39 24

AHS35.BN-0.75 AHS41.PK-0.75

C419 1 2 3

AHS49.GY-0.75

C479 9 8 7 6 5 4 3 2 1 CANH CANL 21 20 19 18 17 16 15 14 13

AHS57.GN-0.75 AHS23.GN-0.75

AHS56.WH-0.75 AHS24.WH-0.75

C218 4 19 20 5 3 18 INSTR_PANEL FLOOR

AUS

AHS43.PK-0.75

C101 10 26 60 61 45 46 25 INSTR_PANEL FRAME

3. 4. 5.

G8 POW G-1 H-1 I-1 J-1 K-1 L-1 A-1 B-1 C-1 D-1 E-1 F-1

MCC_1 MCC_2 MCC_2 MCC_1

G13.S 1

TW_1

AHS28.WH-0.75 AHS27.GN-0.75 AHS39.PK-0.75 AHS20.BK-0.75 AHS21.BK-0.75 AHS11.RD-0.75 AHS37.BN-0.75 AHS53.VT-0.75

O2 8 7 2 5 3 6 4 1

AHS34.GY-1.5 AHS60.WH-1.5 AHS17.BK-1.5

3. 4.

V41 2 1

AHS8.RD-2.5 AHS44.PK-0.75 AHS50.GY-0.75 AHS58.OG-1.5 AHS10.BK-1.5 AHS29.WH-0.75 AHS30.GN-0.75 AHS18.BK-2.5

H12 1 2 3 4 5 7 6 8

Aux heater WTA

Note:
3. WTA without ADR
4. WTA with ADR
5. WTA without ADR type FL

SCANIA

Circuit Diagram:

AHS

Drawing No.- 1454073-1-31

Sheet-Rev:

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