Des.	Pos.	Description
C6102	F 8	Connector,15-pole Electric panel- Roof Channel Right
C6501	D 3	Connector, 21-Pole Interface RFR/Rear
C6502	B 6	Connector, 21-Pole Interface RFR/Rear
C6522	D 4	Connector, 21-pole interface RCR/Rear
C6723	E 8	Connector, 15-Pole Channel right/Channel right Artic
C6730	D 7	Connector, 3 pole, Convector fan opposite door
C6742	D 6	Connector, 3 pole, Convector fan at door
C6744	D 6	Splice, 1-pole
C6761	B 3	Connector, 3 pole, AUX Reverese light
E6050	C 2	Control unit, Expansion unit M, MBS
G6706	D 7	Ground, 1-Pole MBM
G6707	B 6	Ground, 1-Pole MBM
L6137	B 4	Lamp,bus stop rear door
M6065	E 4	Motor, Heating Valve Secondary compartment
T6039	E 5	Sensor,temperature secondary compartment

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 sheet 1 for fuse connections

C6102 ELECTRIC_PANEL_BODY / ROOF_CHANNEL_RIGHT

MBM.300.RD-1.5 · MBM.301.RD-2.5 · MBM.302.RD-2.5 · MBM.303.RD-4

C6723 ROOF_CHANNEL_RIGHT / ROOF_CHANNEL_RIGHT_ARTIC

See sheet 1 for convector/door fan

C6730 COMPONENT RF_CHNL_RIGHT_ARTIC

C6742 COMPONENT ROOF_CHANNEL_R_ARTIC

MBM.320.GY-0.75 · MBM.321.GY-0.75

T6039

MBM.329.YE-0.75 · MBM.330.BK-0.75

Always with.

M6065

MBM.383.BU-0.75 · MBM.384.BK-0.75 · MBM.385.GY-0.75 · MBM.386.GY-0.75

See sheet 1 for circuit valve connections

C6522

MBM.375.GY-0.75 · MBM.376.BK-0.75 · MBM.372.BK-0.75 · MBM.373.GY-0.75

See sheet 1 for pump connections

C6529 · C6501 REAR / ROOF_CHANNEL_RIGHT_ARTIC / ROOF_CHANNEL_RIGHT

MBM.344.BK-1.5 · MBM.345.BK-1.5

C6744

MBM.381.BK-1

G6706 C-1

E6050

MBM.305.RD-0.75 · MBM.306.RD-0.75 · MBM.307.RD-1.5 · MBM.308.RD-1.5 · MBM.309.RD-2.5 · MBM.310.RD-1.5 · MBM.311.RD-2.5 · MBM.312.RD-1.5 · MBM.313.RD-2.5 · MBM.314.BK-1.5 · MBM.315.BK-1.5 · MBM.364.BK-1.5

MBM.316.WH-0.75 · MBM.317.WH-0.75 · MBM.318.PK-0.75 · MBM.319.PK-0.75

MBM.331.BK-0.75 · MBM.332.BU-0.75 · MBM.333.GY-0.75 · MBM.334.GY-0.75 · MBM.335.BU-0.75 · MBM.336.GY-0.75 · MBM.337.GY-0.75 · MBM.338.GY-0.75 · MBM.339.GY-0.75 · MBM.340.BU-0.75 · MBM.341.GY-0.75 · MBM.342.GY-0.75 · MBM.343.RD-1.5 · MBM.346.RD-1.5

CN6-9 · CN1-21 · CN1-1 · CN6-4 · CN6-13 · CN4-3 · CN4-4 · CN2-4 · CN2-10 · CN1-6 · CN6-12 · CN2-12 · CN6-19 · CN1-13 · CN1-5 · CN3-1 · CN3-6 · CN1-17 · CN4-6 · CN3-10 · CN4-5 · CN1-15 · CN1-16 · CN1-14 · CN3-11 · CN1-10 · CN3-4 · CN2-13 · CN2-17

CN2-8 · CN2-9 · CN2-11 · CN3-3 · CN3-12 · CN2-15 · CN5-1 · CN2-18 · CN1-18 · CN4-2 · CN6-20 · CN3-5 · CN6-16 · CN6-5 · CN4-1

MBM.353.BK-0.75

C6707 A-1

MBM.355.RD-0.75 · MBM.357.BK-0.75 · MBM.358.RD-0.75 · MBM.360.BK-0.75 · MBM.361.RD-0.75 · MBM.363.BK-0.75 · MBM.344.RD-0.75 · MBM.365.BK-0.75 · MBM.387.RD-0.75 · MBM.388.BK-0.75 · MBM.376.RD-0.75 · MBM.379.BK-0.75 · MBM.362.YE-0.75

C6502 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

See sheet 1 for engine hatch connections

MBM.392.BU-0.75 · MBM.365.YE-0.75

C6501 18 16

See sheet 1 for T8 connection

See sheet 1 for School sign

MBM.387.YE-0.75

MBM.380.BK-0.75

C6707 B-1

MBM.390.YE-0.75 · MBM.378.BK-0.75

L6137 1 WH 2

MBM.390.YE-0.75 · MBM.391.BK-0.75

C6502 ROOF_CHANNEL_RIGHT / ROOF_CHANNEL_RIGHT_ARTIC / REAR

See sheet 1 for luggage compartment lights

C6768 10 11 ROOF_CHANNEL_RIGHT_ARTIC / ROOF_CHANNEL_RIGHT

MBM.392.YE-0.75 · MBM.393.BK-0.75

C6768 4 5 ROOF_CHANNEL_RIGHT / ROOF_CHANNEL_LEFT_ARTIC

MBM.294.YE-0.75 · MBM.296.BK-0.75

C6778 1 2 ROOF_CHANNEL_LEFT_ARTIC / COMPONENT

Valid for 6X2/2

SCANIA

Circuit Diagram:

MBS Node M

Drawing No.- 2710715-3-3

Sheet-Rev:

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