Des.	Pos.	Description
B41	B 7	Switch, high range
B42	B 7	Switch, low range
C106	B 7	Splice, 1-pole
C109	B 5	Splice, 1-pole
C123	B 4	Splice, 1-pole
C496	C 7	Connector, 7-pole
C497	C 6	Connector, 7-pole
C498	C 8	Connector, 7-pole
C498	C 4	Connector, 7-pole
C498	C 4	Connector, 7-pole
C601	F 6	Connector 21 Pole Instrument Panel
C640	E 8	Connector 21 Pole Gearbox
C740	C 4	Connector, 7-pole, retarder
E5	D 2	Control unit, Opticruise
E6	B 7	Hall sensor, gearbox
G504	F 6	Join Connector 21 pole Grounding Electric Centre
P2	F 7	Central electric unit
T17	B 6	Sensor, speed
T20	B 8	Sensor, tachograph
T63	B 3	Sensor, water temp, retarder
T80	B 3	Sensor, oil pressure, retarder
T86	B 3	Sensor, oil temp, retarder
V20	B 6	Solenoid valve, side stroke right
V21	B 6	Solenoid valve, side stroke left
V22	B 5	Solenoid valve, neutral
V23	B 5	Solenoid valve, length stroke, backwards
V24	B 5	Solenoid valve length stroke, forwards
V83	B 4	Solenoid valve, low range
V78	B 4	Solenoid valve, high range
V97	B 2	Solenoid valve unit, retarder

Cable designation

AWD35 . OG - 1

Cable marking

Cable colour (Orange)

Conductor area (mm²)

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

P2 POW 30 F31 10A Wake-Up (R) Grounding CAN High (R) CAN Low (R) O-1 O-2 O-3 O-4 O-5 O-6

G504 POW 21 6 7 8 9

C601 COO 12 13 14 18 19 20 21 INSTR_PANEL ELECTRIC_PANEL

C640 TCO 23 24 1 2 13 3 4 15 16 5 6 7 8 11 12 13 14 ELECTRIC_PANEL REAR_MODULE

GMS.01 RD-1.5 GMS.02 WH-0.75 GMS.15 BK-1.5 GMS.03 RD-0.5 GMS.04 WH-0.5 GMS.16 BK-1.5 GMS.17 BK-1.5 GMS.18 RD-0.75 GMS.06 WHRD-0.5 GMS.07 WH-0.5 GMS.05 WH-0.75 GMS.11 OG-0.75 GMS.12 OG-0.75 GMS.13 OG-0.75 GMS.14 OG-0.75

GMS.200 VT-1 GMS.201 BK-1 GMS.202 BU-1 GMS.203 OG-1

GMS.00 RD-1 GMS.01 RD-1 GMS.02 WH-1 GMS.03 BK-1 GMS.04 BK-1 GMS.05 RD-0.5 GMS.06 WH-0.5

E5 A-4 A-5 A-1 A-2 A-3 B-5 B-8 A-15 A-16 B-1 B-10 B-11 B-14 B-15 C-13 C-5 C-1 C-12

A-6 A-18 B-13 A-17 C-9 A-10 C-4 C-8 C-2 C-3 C-6 A-13 A-14 C-15 C-16 C-17 C-18 C-19 C-21 C-7 C-11 C-10 C-14 B-3 B-6 B-9 B-12 B-7 B-4 B-2 A-11 A-12 A-8 A-9 A-7

GMS.20 BN-1 GMS.28 BU-0.75 GMS.29 OG-0.75 GMS.30 VT-0.75 GMS.31 PK-0.75 GMS.32 VT-0.75 GMS.33 PK-0.75 GMS.24 BK-0.75 GMS.35 BU-0.75 GMS.36 GY-0.75 GMS.37 BK-1 GMS.38 OG-0.75 GMS.39 OG-0.75 GMS.40 BK-1 GMS.41 OG-0.75 GMS.42 BK-0.75 GMS.43 OG-0.75 GMS.44 BK-0.75 GMS.45 WH-0.75 GMS.46 BK-0.75 GMS.47 OG-0.75 GMS.50 BU-0.75 GMS.51 BK-0.75 GMS.52 VT-0.75 GMS.53 BK-0.75 GMS.54 GY-0.75 GMS.55 BK-0.75

Blue C488 REAR_MODULE GEARB 1 2 3 4 5

GMS.204 VT-1 GMS.205 BK-1 GMS.206 BU-1 GMS.207 OG-1

T20 1 2 3 4 5 6 7

Red C486 REAR_MODULE GEARB 1 2 3 4 5 6

GMS.76 BN-1

C106

GMS.77 BK-1 GMS.78 BU-1 GMS.81 BK-1 GMS.82 OG-1 GMS.34 VT-1 GMS.75 PK-1

E6 1 2 3 4 5 6 7

B41 B42 T17

GMS.21 BN-1 GMS.22 BK-1 GMS.23 VT-1 GMS.24 BU-1 GMS.25 GY-1 GMS.26 OG-1 GMS.27 YE-1

Yellow C487 REAR_MODULE GEARB 1 2 3 4 5 6

GMS.85 BK-1.5

C109

GMS.86 VT-1 GMS.87 BK-1 GMS.88 PK-1 GMS.89 BK-1 GMS.90 BU-1 GMS.91 BK-1 GMS.92 OG-1 GMS.93 BK-1

V20 V21 V22 V23 V24

Blue C488 REAR_MODULE GEARB 1 2 3 4 5

GMS.105 BK-1

C123

GMS.100 OG-1 GMS.101 BK-1 GMS.104 OG-1 GMS.105 BK-1

V83 V78

Green C740 REAR_MODULE GEARB 1 2 3 4 5 6

GMS.110 OG-1 GMS.111 BK-1 GMS.112 OG-1 GMS.113 BK-1 GMS.114 WH-1 GMS.115 BK-1 GMS.116 OG-1 GMS.117 BK-1

T63 T86 T80 V97

STD 4247

SCANIA

Circuit Diagram:

GMS OPC4 GR801R

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