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

Des.	Pos.	Description
B49	C 6	Switch, manual exhaust brake
C69	D 7	Connector, 21-pole, instr p/front
C100	B 4	Connector, 66-pole
C102	B 3	Connector, 66-pole
C275	C 7	Joint connector, instr light
C451	D 6	Connector, 2-pole, manual exhaust brake
C479	D 2	Joint connector green CAN
C480	D 3	Joint connector red CAN
C481	D 2	Joint connector yellow CAN
C482	F 5	Joint connector wake up
C482	C 3	Joint connector wake up
C483	F 6	Joint connector wake up
C489	E 7	Connector, 21-pole, COO
D35	E 5	Potentiometer, throttle pedal sensor
D60	E 5	Potentiometer, clutch pedal
D61	E 5	Potentiometer, brake pedal
E30	E 6	Control unit, coordinator
E44	A 4	Control unit, EMS
E49	D 3	Control unit, Immobiliser
G1	C 2	Joint connector, ground
G2	B 3	Joint connector, ground
G2	B 7	Joint connector, ground
G4	C 6	Joint connector, ground
G15:D	C 4	Ground, torpedo wall
G15:H	E 4	Ground, torpedo wall
K1	C 1	Diagnostics outlet
O1	F 7	Combination instrument
P2	F 5	Central electric unit
P2	D 4	Central electric unit
S4	F 7	Switch, starter
S6	C 8	Switch, exhaust brake power
S29	C 7	Switch, white smoke limiter
S142	C 7	Switch, cruise control
S191	D 8	Switch, Speed module
T3	E 7	Monitor, applied parking brake
T8	C 7	Monitor, coolant level
T16	A 4	Sensor, fuel level
T157	A 3	Sensor, air filter
U6	E 8	Spring coil

1) Valid for Engines with common rail injection system.
2) For Engine control unit S6, see COO sheet 6.

1) Without Alcohol Interlock Device
2) With Alcohol Interlock Device

SCANIA

Circuit Diagram:

COO

Drawing No.- 1777955-1-20
Sheet-Rev:

N.B. The copyright and ownership of this drawing including associated computer data are and will remain ours. They must not be copied, used or brought to the attention of any third party without prior permission (C) Scania, Sweden