



Code	Colour	Des.	Pos.	Description
B11	B7	Switch, diff lock, axle		
B12	B7	Switch, diff lock, second axle		
B13	B7	Switch, diff lock/dog clutch, tandem		
BN	Brown			
RD	Red			
OG	Orange			
YE	Yellow			
GN	Green			
BU	Blue			
VT	Violet			
GY	Grey			
WH	White			
PK	Pink			
C100	F7	Connector, 72-pole		
C101	E2	Connector, 72-pole		
C295	F7	Joint connector, orange CAN		
C295-1	D7	Junction block, 8-pole, orange CAN		
C295-2	D7	Junction block, 8-pole, orange CAN		
C8074	E4	Connector, 2-pole		
C8156	E5	Connector, 4-pole		
E113	E3	Control unit, CMS		
E113	E6	Control unit, CMS		
E113	C2	Control unit, CMS		
E129	E3	Battery equalizer		
E129	F3	Battery equalizer		
E143	D3	Battery sensor		
G33	E4	Ground		
M55	E4	Motor, dual circuit steering		
P1.A	D3	Battery		
P1.B	D3	Battery		
P8	D8	Central electric unit, chassis		
P11	F4	Power distributor, chassis		
R94	D4	Relay, ADR, battery master switch		
R105	D3	Relay, starter battery		
T16	D6	Sensor, fuel level		
T55	F6	Monitor, flow, circuit 1		
T56	F5	Monitor, flow, circuit 2		
T70	B5	Sensor, pressure, rear left		
T73	B6	Sensor, distance, rear left		
T180	D6	Sensor, steering fluid		
T226	B6	Sensor, fuel level		
V10	B8	Solenoid valve, diff lock, axle		
V11	B8	Solenoid valve, diff lock/dog clutch, tandem		
V32	B6	Solenoid valve, disengage front spring brake		
V54	B5	Solenoid valve, up/down		
V54	B4	Solenoid valve, up/down		

- Notes:
- 1) Left hand drive
 - 2) Right hand drive
 - 3) Level adjustment speed basic
 - 4) Level adjustment speed fast
 - 5) Electrical system generation 6
 - (Electrical system generation 6 = Vehicle with Coordinator system 8 or 10)
 - 6) Electrical system generation 7. Not valid for Battery Electric vehicle (BEV3)
 - (Electrical system generation 7 = Vehicle with Coordinator system 11)
 - 7) Without Battery monitor
 - 8) With Battery monitor
 - 9) Battery Electric vehicle (BEV3) with Electrical system generation 6 or 7
 - 10) Not valid for Battery Electric vehicle (BEV3). For BEV3, see Sheet 2
 - 11) C100: Without AWD, EPB, EST, ESTA, TPM
 - 12) TPM: Without AWD, EPB, EST, ESTA, With TPM
 - 13) C295: With Any/Some/All AWD, EPB, EST, ESTA
 - 14) C295-1: With Either EPB, EST, AWD
 - 15) C295-2: With (EST, ESTA) or With (EPB and Either AWD, EST)
 - 16) MCC_1: With Steering backup: hydraulic.
- Valid for vehicle with Combustion engine
 17) MCC_22: With Battery pos.: RHS, Battery master switch auto.
 Valid for Battery Electric vehicle (BEV1)
 (MCC_1 and MCC_22 cannot come together)

SCANIA

Circuit Diagram:

CMS

Drawing No.-
Sheet-Rev: **2202966-1-54**

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

S-order equipment connected