



Cable designation		Colour code of electric cables		Des.	Pos.	Description
AWD35 . OG - 1		Code	Colour	B11	B 7	Switch, diff lock, axle
Cable marking		BK	Black	B12	B 7	Switch, diff lock, second axle
Cable colour (Orange)		BN	Brown	B13	B 7	Switch, diff lock/dog clutch, tandem
Conductor area (mm <sup>2</sup> )		RD	Red	C100	E 7	Connector, 72-pole
		OG	Orange	C101	E 2	Connector, 2-pole
		YE	Yellow	C295	E 6	Joint connector, orange CAN
		GN	Green	C8074	E 4	Connector, 2-pole
		BU	Blue	C8156	E 5	Connector, 4-pole
		VT	Violet	C8236	C 3	Cut cable
		GY	Grey	E113	C 2	Control unit, CMS
		WH	White	E129	D 3	Battery equalizer
		PK	Pink	G33	E 4	Ground
		M55	E 4	Motor, dual circuit steering		
		P8	E 8	Central electric unit, chassis		
		P11	F 4	Power distributor, chassis		
		R94	D 4	Relay, ADR, battery switch		
		R105	D 3	Relay, starter battery		
		T16	D 6	Sensor, fuel level		
		T55	F 6	Monitor, flow, circuit 1		
		T56	F 5	Monitor, flow, circuit 2		
		T70	B 5	Sensor, pressure, rear left		
		T73	B 6	Sensor, distance, rear left		
		T180	D 6	Sensor, steering fluid		
		T226	B 6	Sensor, fuel level		
		V10	B 8	Solenoid valve, diff lock, axle		
		V11	B 8	Solenoid valve, diff lock/dog clutch, tandem		
		V32	B 6	Solenoid valve, disengage front spring brake		
		V54	B 5	Solenoid valve, up/down		
		V54	B 4	Solenoid valve, up/down		

- Notes:
- 1) Left hand drive
  - 2) Right hand drive
  - 3) Level adjustment speed basic
  - 4) Level adjustment speed fast
  - 5) Without AWD, EPB, EST, TPM
  - 6) Without AWD, EPB, EST, With TPM
  - 7) With Any/Some/All AWD, EPB, EST
  - 8) MCC\_1: With Steering backup: hydraulic. Valid for NCG (Internal combustion engine)
  - 9) MCC\_22: With Battery pos.: RHS, Battery master switch auto. Valid for BEV1.0 (Battery electric vehicle) (MCC\_1 and MCC\_22 cannot come together)

**SCANIA**

Circuit Diagram:

**CMS**

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S-order equipment connected