



Des.	Pos.	Description
C561	B 5	Joint connector, 21 pole
C519	E 8	Connector, 26-pole
C625	A 8	Connector, 62-pole
C686	B 7	Connector, 62-pole
C847	C 7	Connector, 4-Pole RES
C912	C 5	Joint connector, RES CAN
C913	C 4	Joint connector, RES CAN
C943	E 6	Joint connector, Power supply Bat 3 & 4
E163	D 5	Control unit, battery pack
E164	D 3	Control unit, battery pack
E172	C 5	Control unit, battery slave unit
E173	C 3	Control unit, battery slave unit
G612	C 6	Splice, ground RES2 SBRU
G615	D 4	Ground, S-BRU
G629	E 4	Ground Splice, S-BRU
G664	D 4	Ground Point SUB BRU
G665	E 4	Ground Point SUB BRU
G686	B 5	Ground Point, S-BRU
G629	B 4	Ground Point, S-BRU
G610	D 7	Ground Point, S-BRU
G650	C 5	Ground Point, S-BRU
G651	C 4	Ground Point, S-BRU
G652	C 5	Ground Point, S-BRU
G653	C 4	Ground Point, S-BRU
H39	D 7	Heater, VCB
PZ.CX161	F 7	Fuse socket, central electric unit
R508	E 4	Central electric unit, VCB
R122	F 7	Relay, HEV
S229	F 8	Switch, interlock loop control

Cable designation	
AWD35	OG - 1
Cable marking	
Conductor area (mm²)	

  

Color code of electric cables	Code	Colour
BL	Black	Black
BR	Brown	Brown
BN	Brown	Brown
RD	Red	Red
OC	Orange	Orange
YS	Yellow	Yellow
GN	Green	Green
BU	Blue	Blue
VT	Violet	Violet
GY	Grey	Grey
WH	White	White
PK	Pink	Pink

**SCANIA**

Circuit Diagram:

## RES2 BEV

Drawing No.- 2893186-1-3  
 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

EP  
 Roof\_Front  
 SUB\_BRU  
 Valid for C chassis (BEV)

2893186-2

2893186-5