



Des.	Phs.	Description
C2.A	D 6	Connector, 2-pole
C2.B	D 6	Connector, 2-pole
C101	E 6	Connector, 66-pole
C103	E 6	Connector, 66-pole
C193	E 4	Connector, 16-pole
C436	D 3	Connector, 12-pole
C437	C 4	Joint connector, Ball-Bus CAN
C438	B 5	Joint connector, Ball-Bus CAN
C443	D 5	Connector, 21-pole
C446	D 4	Connector, 12-pole
C446	D 5	Connector, 12-pole
C446	D 5	Connector, 12-pole
C446	D 6	Connector, 12-pole
C48	F 4	Joint connector, wake up
C8134	C 6	Ball, MGU
C8250	C 3	Joint connector, HEV
E81	A 4	Control unit, BMU
E82	B 2	Control unit, MGU
E83	D 5	Battery pack
E84	D 5	Control unit, DCC
G13.F	F 5	Ground, torped wall
G13.F	F 5	Ground, torped wall
G131	F 3	Ground, torped wall
G131	F 5	Ground, torped wall
G131	F 7	Ground, torped wall
G63	D 6	Ground
H32	C 7	Heater, RESS
M3	C 6	Coolant pump, RES
M39	C 6	Cooling fan
M41	C 6	Coolant pump, MGIS
M61	D 7	Motor, Fan
P2	F 3	Central electric unit
P2	F 4	Central electric unit
P2	F 5	Central electric unit
P2	F 5	Central electric unit
P2	F 6	Central electric unit
P2	F 7	Central electric unit
R404	E 7	Relay holder
S229	C 5	Switch, interlock loop control
T161	E 2	Sensor, Temperature
T176	E 3	Sensor, Position
T179	C 7	Sensor, temperature, RESS
T181	C 7	Sensor, battery level
T182	C 7	Sensor, inverter level
T201	D 7	Monitor, Temp
V154	C 7	Solenoid valve, water valve control

Cable designation	
AWD35 OG - 1	
Cable marking	
Cable colour (change)	
Conductor area (mm²)	
Colour code of electric cables	
Code	Colour
BB	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VI	Violet
GR	Grey
WH	White
PK	Pink

HPU

1) CAN to ECA  
Only for production before mounting of the HPU

G2	60983
G1	F7 6098
F3	B3 6152
F2	C3 6152
F1	C3 61521
E	66271
D	58010
C1	58094
B1	F3 5820
A	58202
Change	Zone 1 CCO number
Projection method	Scale
Symbol, designators and drawing method	-
Designed	Andres Llorente
Denomination	Circuit Diagram HEV

**SCANIA**

Circuit Diagram:  
**HEV**

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