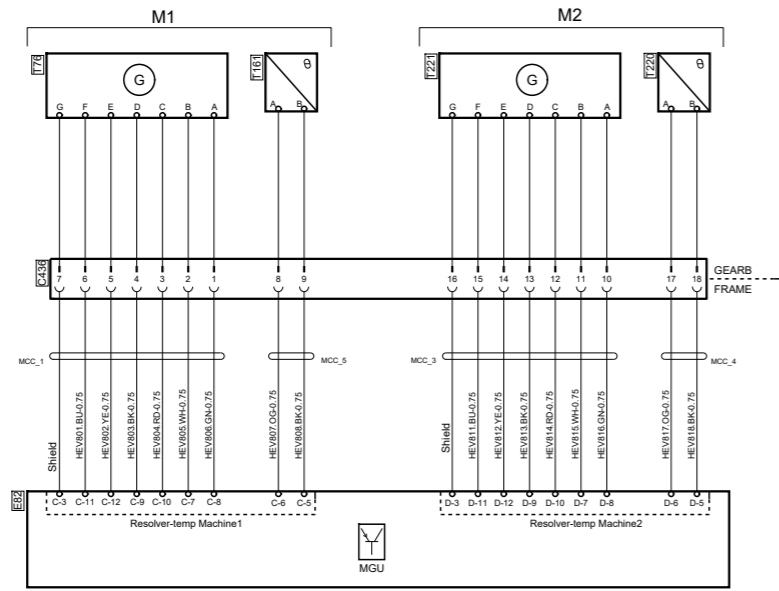
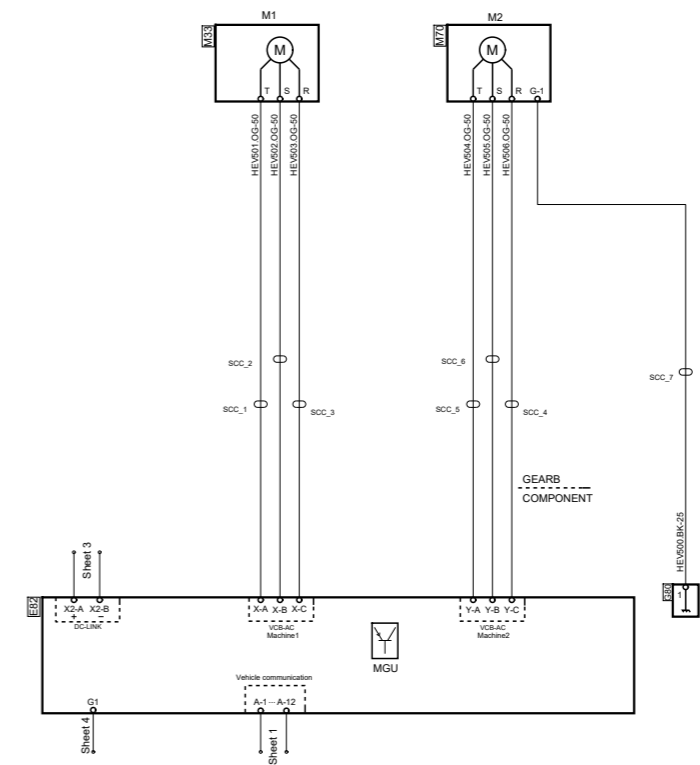


GEM Control Inverter



GEM VCB

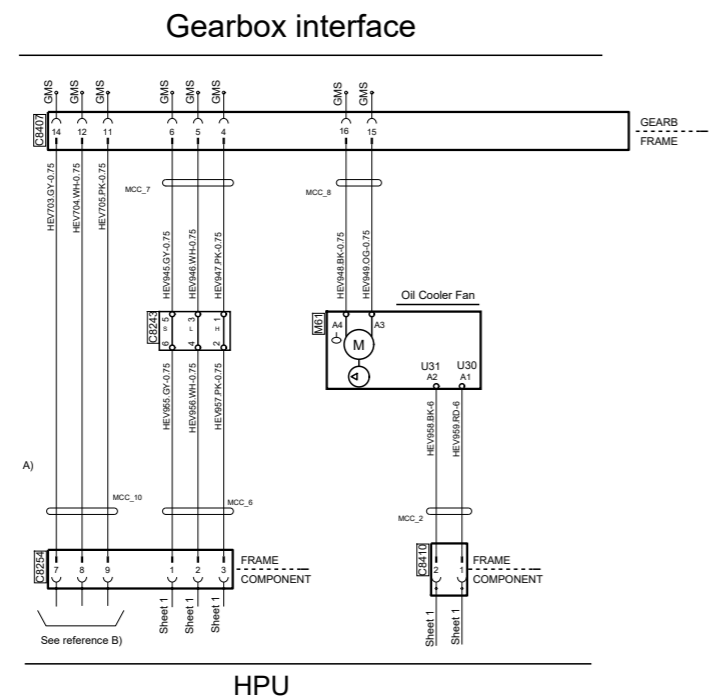


Des	Pos	Description
C436	E 7	Connector, 18-pole
C8243	B 7	Joint connector, HEV
C8254	A 7	Connector, 10-pole
C8343	A 3	Joint connector, 12-pole
C8467	B 7	Connector, 18-pole
C8410	A 6	Connector, 2-pole
E82	B 3	Control unit, MGU
E82	D 2	Control unit, MGU
E82	D 5	Control unit, MGU
G80	D 2	Ground
M33	F 3	Motor, propulsion
M51	B 6	Motor, Fan
M70	F 2	Motor, propulsion
P13	C 3	Central electric unit
T76	E 7	Sensor, position
T161	E 7	Sensor, temperature
T220	E 6	Sensor, temperature
T221	E 6	Sensor, position

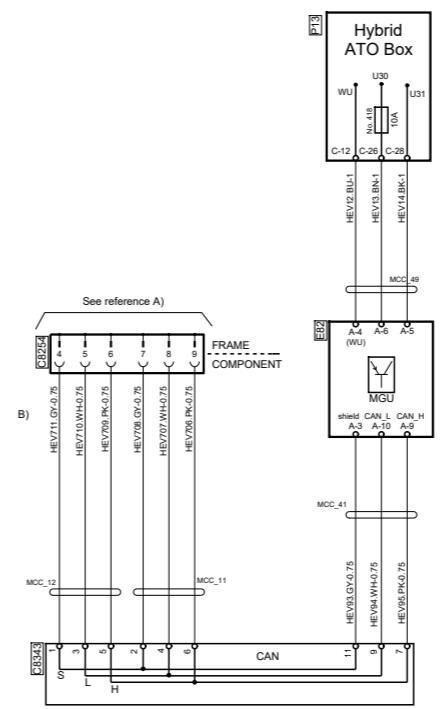
Cable designation	
AWD35	OG - 1
Cable marking	
Cable colour (Orange)	
Conductor area (mm²)	

Colour code of electric cables	Code	Colour
BK	BK	Black
BN	BN	Brown
RD	RD	Red
OG	OG	Orange
YE	YE	Yellow
GN	GN	Green
BU	BU	Blue
VT	VT	Violet
CY	CY	Cyan
WH	WH	White
PK	PK	Pink

GEM Frame Harness Design



GEM HPU Harness Design



Circuit Diagram:
HEV
 Drawing No.- 2555000-5-3
 Sheet-Rev:
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