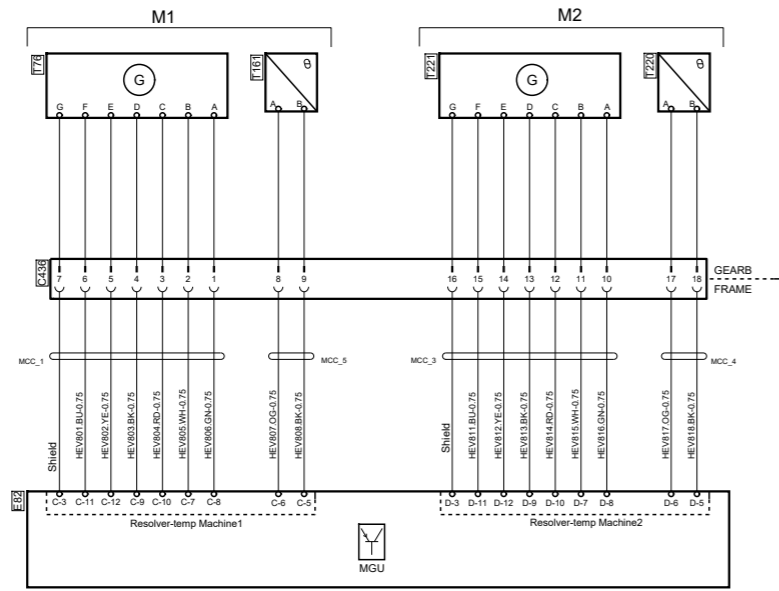
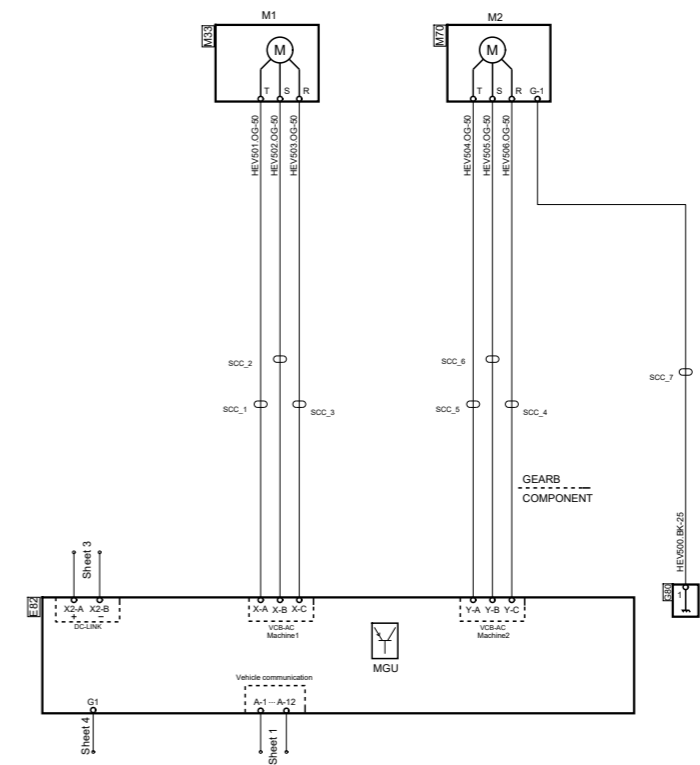


# GEM Control Inverter



# GEM VCB



Des	Pos	Description
C438	E 7	Connector, 18-pole
C8243	B 7	Joint connector, HEV
C8254	A 7	Connector, 10-pole
C8343	A 3	Joint connector, 12-pole
C8407	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
Black	BK	Black
Brown	BN	Brown
Red	RD	Red
Orange	OG	Orange
Yellow	YE	Yellow
Green	GN	Green
Blue	BU	Blue
Violet	VT	Violet
Grey	GY	Grey
White	WH	White
Pink	PK	Pink

# GEM Frame Harness Design

