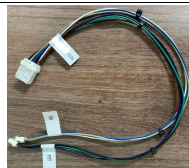


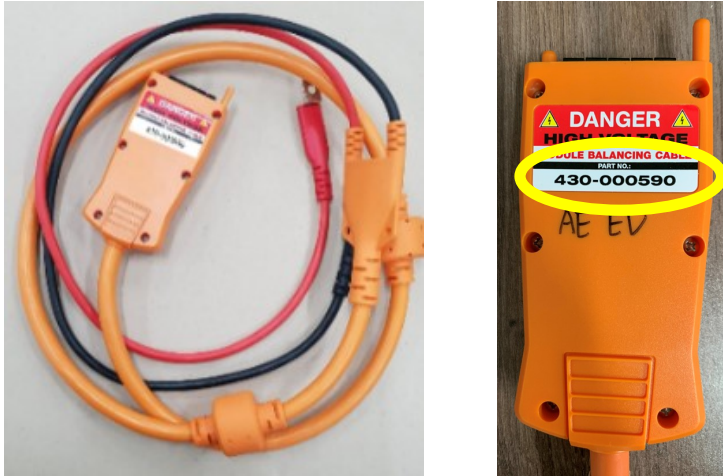
HYUNDAI xMB-9640 NE EV KIT Manual

1. NE EV Components

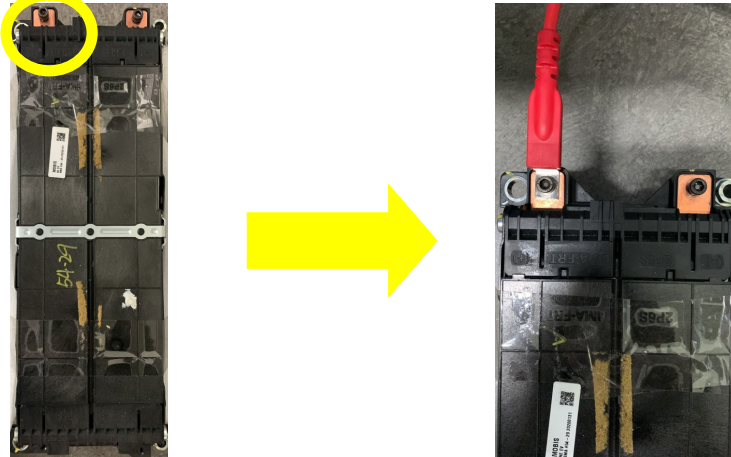
Vehicle	NE EV	
Battery	6-cell (2P6S)	
Components to Use		
A		xMB-9640
B		Module Cable
C		Power Cable
D-1		High Voltage Cable 430-000590
E-3		Interface AE IONIQ 6 Cell EV A764
		Temp Sensor 130-000849A
		Battery Communication Cable (130-000847A)

2. NE EV KIT Manual

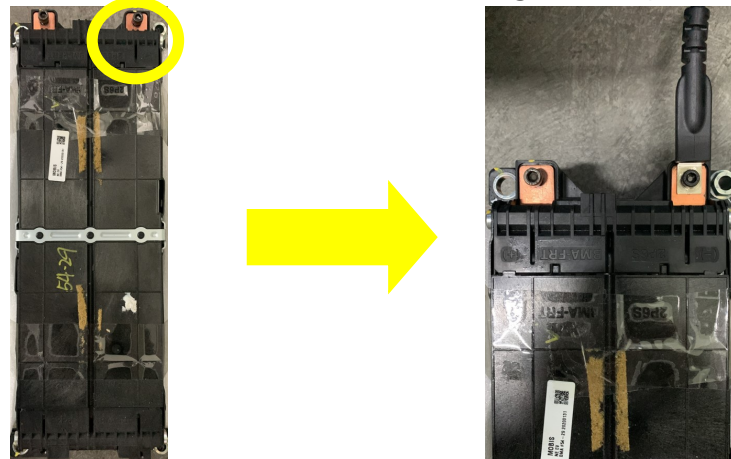
2.1 Choose the right High Voltage Cable (430-000590)



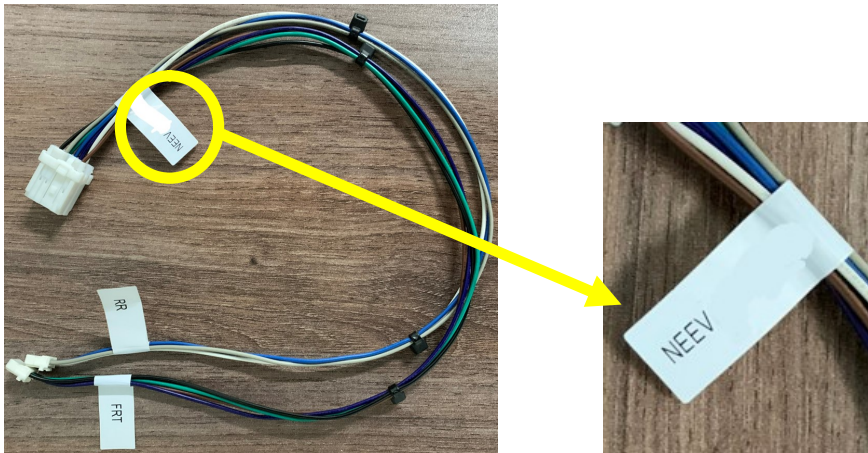
2.2 Connect the red wire to the positive (+) pole



2.3 Connect the black wire to the negative (-) pole

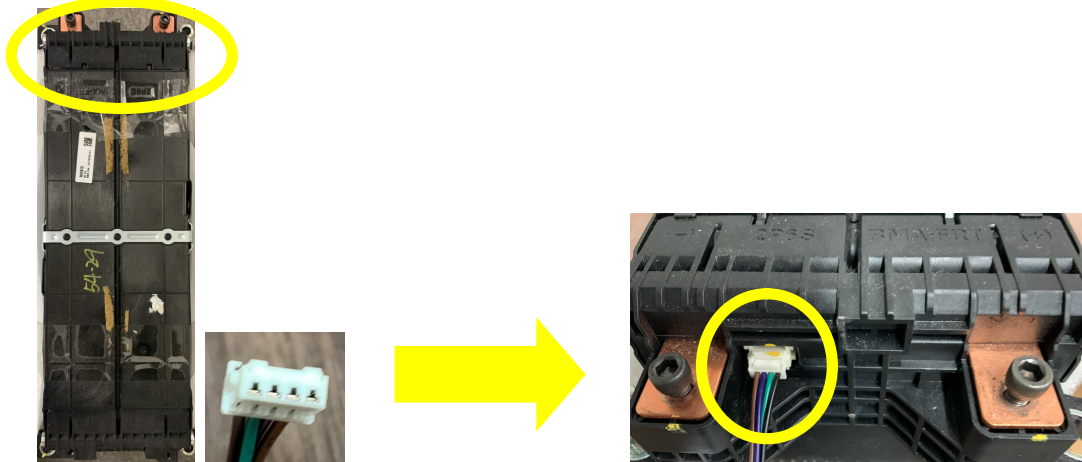


2.4 Choose the right battery communication cable

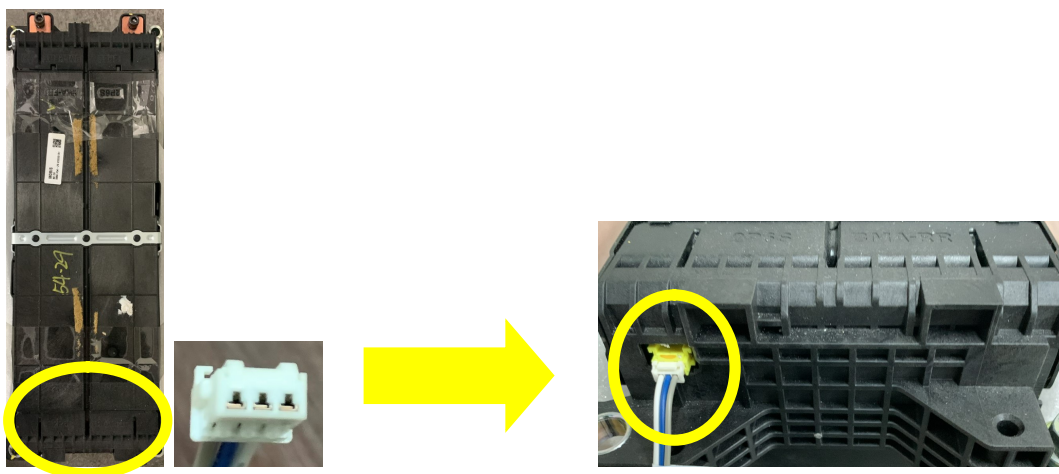


2.5 Connect NE EV battery communication cable to module connector

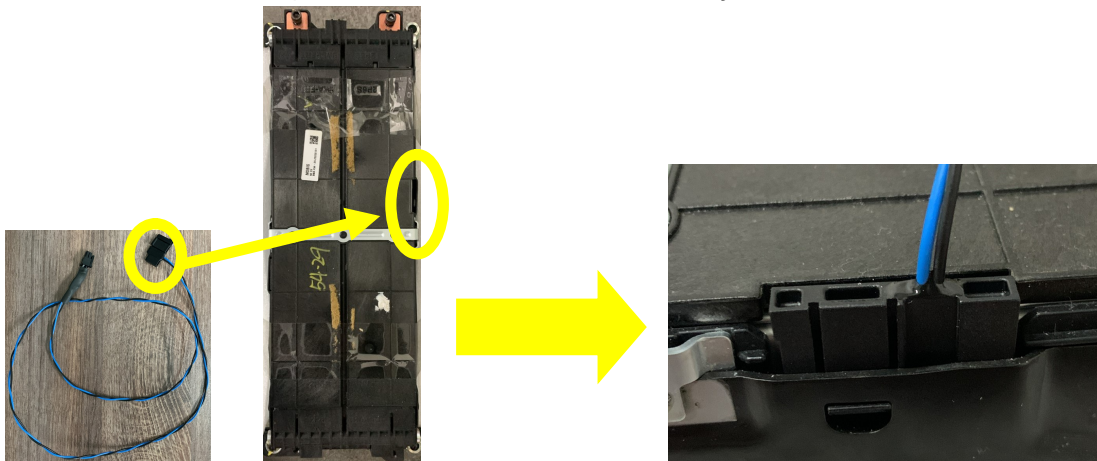
- 4 Pin connector to BMA-FRT



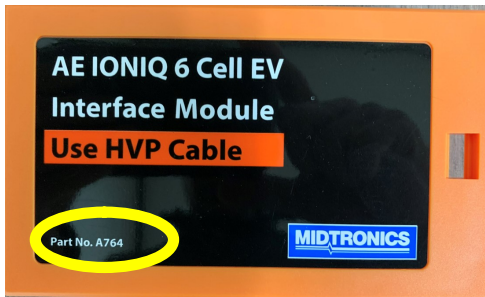
- 3 Pin connector to BMA-RR



2.6 Connect the Temperature Sensor cable to battery module



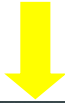
2.7 Choose the right Interface (A764)



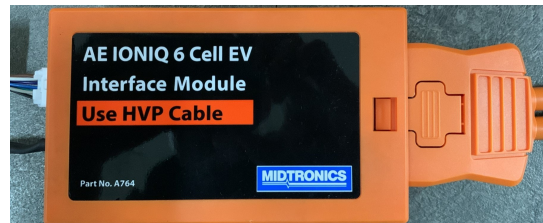
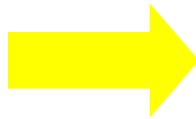
2.8 Connect NE EV battery communication cable to Interface



2.9 Connect Temperature Sensor cable to Interface



2.10 Connect Module cable to Interface



2.11 Connect Module cable to xMB-9640



2.12 Connect High Voltage cable to xMB-9640

- Insert high voltage charge cable until it locks into the socket.

To remove the cable, press and hold the metal retaining clip to unlock and pull.



2.13 Connect power cable to xMB-9640

- Pull back on the red tab on the side of the connector to release/remove the power cord from the Balancer power socket.

