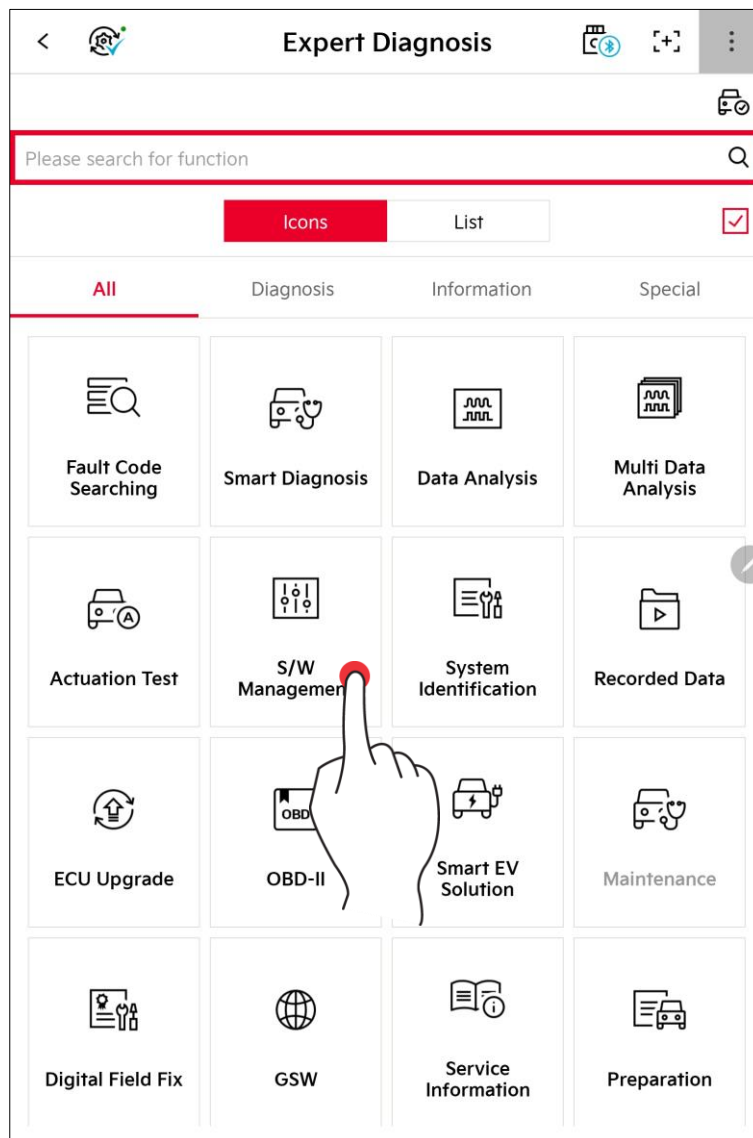


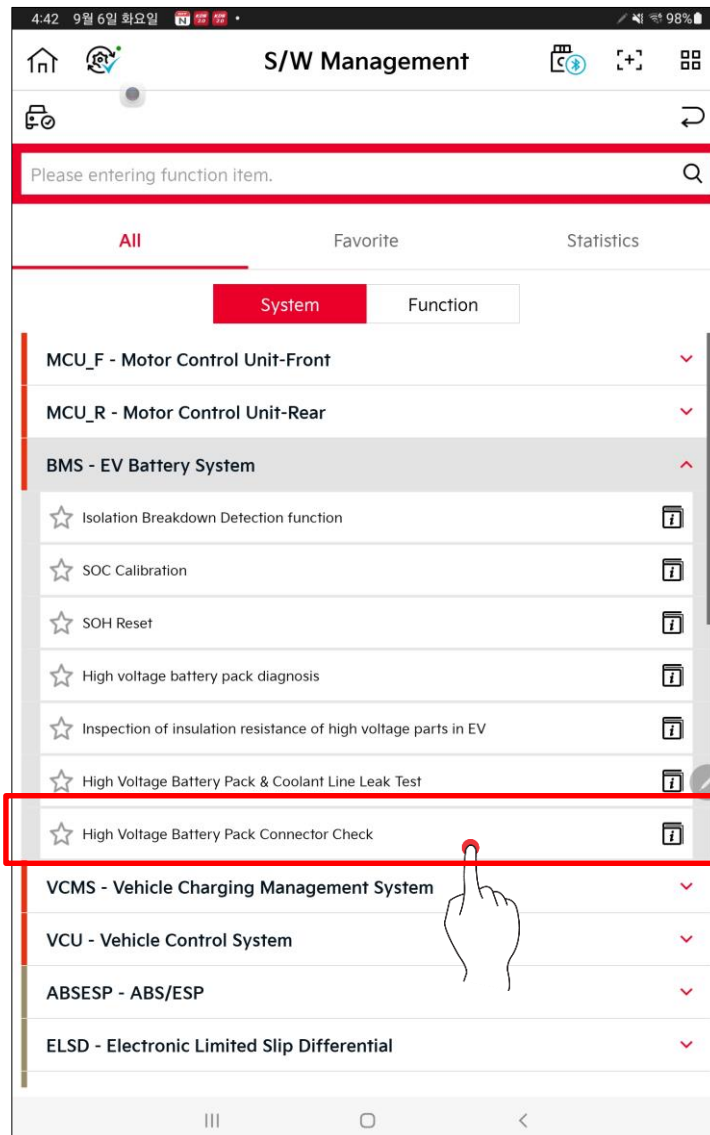
S/W Management

- High Voltage Battery Pack Connector Check

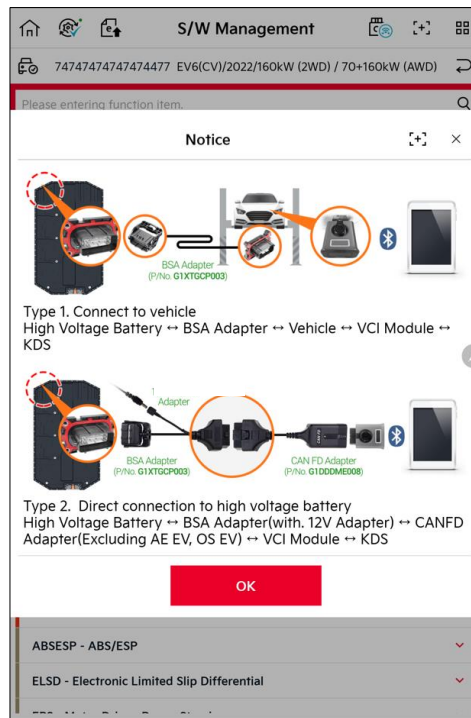
After the high voltage battery pack partial repair, the connection status of connectors (CMU, sub-module, BUS bar, temperature sensor) can be checked through the S/W Management.



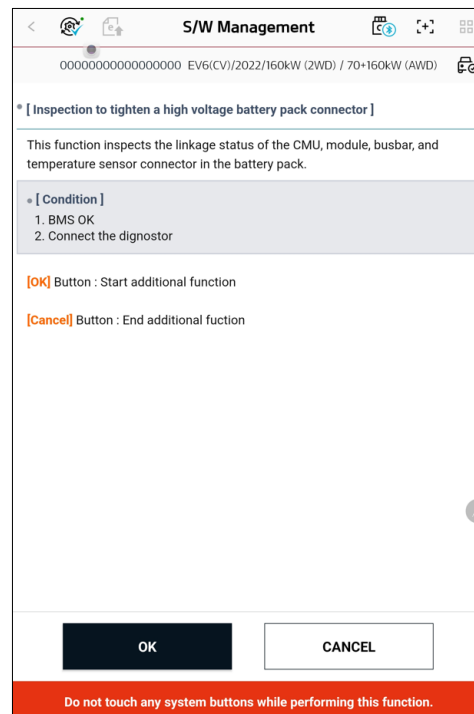
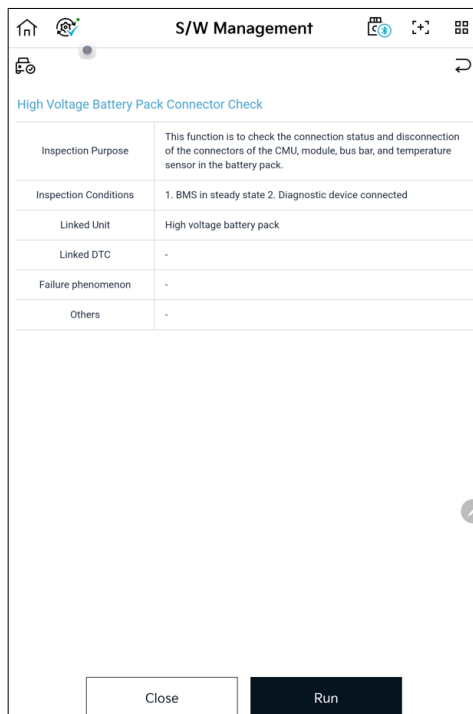
1. Please select the 'High voltage battery pack connector check' on S/W Management.



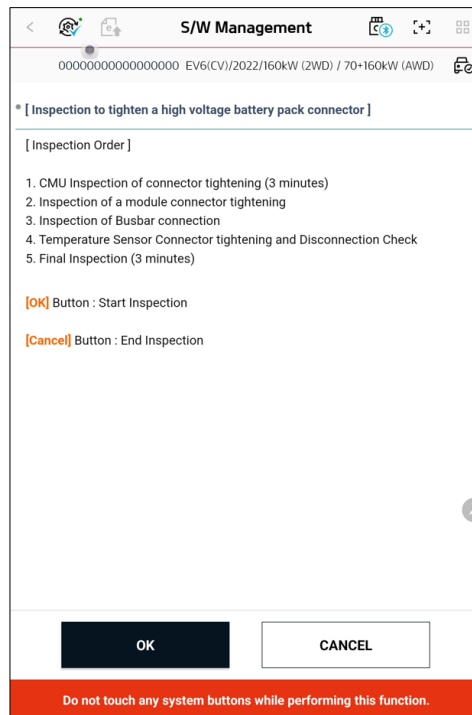
2. Refer to the connection notice and connect the device to the vehicle.



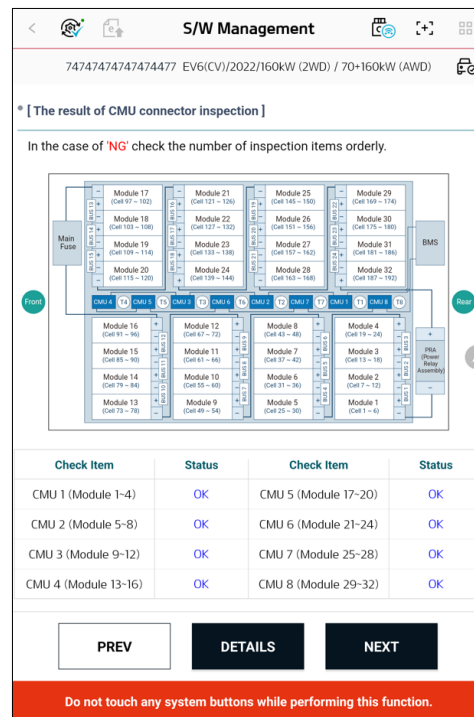
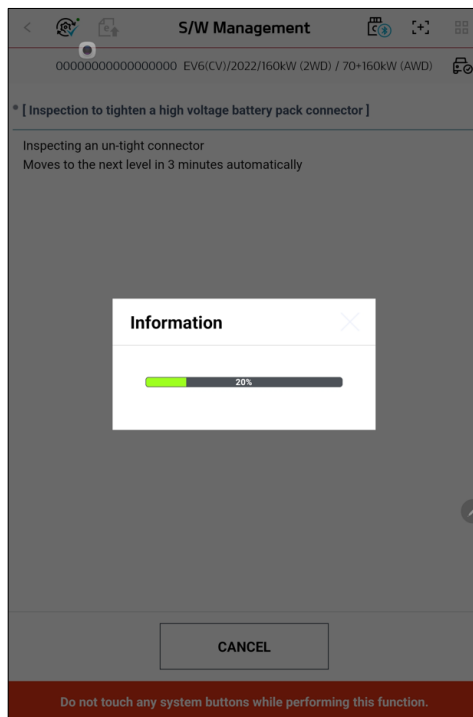
3. After checking the inspection purpose and conditions, press the 'OK' button.



4. After confirming the inspection order, press the 'OK' button.



5. Proceed with CMU connector inspection.





- You can check the unfastened parts through images and judgment values.
- You cannot proceed to the next step in the 'NG' (uncontracted) state.
- You can check the related sensor data through the 'Details' button.
- *CMU is configured for serial connection, and the sub-connector is inspected after the NG connector is checked.

S/W Management

7474747474747474 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [The result of CMU connector inspection]

In the case of 'NG' check the number of inspection items orderly.

Check Item	Status	Check Item	Status
CMU 1 (Module 1-4)	OK	CMU 5 (Module 17-20)	Waiting
CMU 2 (Module 5-8)	OK	CMU 6 (Module 21-24)	Waiting
CMU 3 (Module 9-12)	OK	CMU 7 (Module 25-28)	Waiting
CMU 4 (Module 13-16)	NG	CMU 8 (Module 29-32)	Waiting

PREV DETAILS NEXT

Do not touch any system buttons while performing this function.

S/W Management

0000000000000000 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

Sensor Name	Value	Unit
Battery Cell Voltage 18	4.08	V
Battery Cell Voltage 19	4.08	V
Battery Cell Voltage 20	4.08	V
Battery Cell Voltage 21	4.08	V
Battery Cell Voltage 22	4.08	V
Battery Cell Voltage 23	4.08	V
Battery Cell Voltage 24	4.08	V
Battery Cell Voltage 25	5.10	V
Battery Cell Voltage 26	5.10	V
Battery Cell Voltage 27	5.10	V
Battery Cell Voltage 28	5.10	V
Battery Cell Voltage 29	5.10	V
Battery Cell Voltage 30	5.10	V
Battery Cell Voltage 31	5.10	V
Battery Cell Voltage 32	5.10	V
Battery Cell Voltage 33	5.10	V

PREV

Do not touch any system buttons while performing this function.

6. Inspect the sub-module connector connection.

S/W Management

747474747474477 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [The result of module connector inspection]

In the case of **NG** check the number of inspection items orderly.

Check Item	Status	Check Item	Status
Module 1	OK	Module 13	OK
Module 2	OK	Module 14	OK
Module 3	OK	Module 15	OK
Module 4	OK	Module 16	OK

PREV DETAILS NEXT

Do not touch any system buttons while performing this function.

7. BUS bar tightening inspection is carried out.

S/W Management

747474747474477 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [The result of the busbar inspection]

In the case of **NG** check the number of inspection items orderly.

Check Item	Status	Check Item	Status
BUS Bar 1	OK	BUS Bar 10	OK
BUS Bar 2	N/A	BUS Bar 11	N/A
BUS Bar 3	OK	BUS Bar 12	OK
BUS Bar 4	OK	BUS Bar 13	OK

PREV DETAILS NEXT

Do not touch any system buttons while performing this function.



< Reasons for not being able to inspect certain BUS bars >

- The untestable BUS bar is composed of a circuit that does not change the cell voltage, so it cannot be judged.

8. Inspect the temperature sensor connection.

7474747474747477 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [The result of the inspection for the connector of the temperature sensor and disconnection]

When it displayed 'NG' for tightening, please check the order of the number of inspection items.

Check Item	Status	Check Item	Status
Temp.1 (T1,T2)	OK	Temp.6 (T11,T12)	OK
Temp.2 (T3,T4,T17)	OK	Temp.7 (T13,T14)	OK
Temp.3 (T5,T6)	OK	Temp.8 (T15,T16,T18)	OK

PREV DETAILS NEXT

Do not touch any system buttons while performing this function.

9. After final re-inspection of connector tightening presence/absence, the test result is displayed.

0000000000000000 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [Inspection to tighten a high voltage battery pack connector]

In the final inspection of an un-tight connector
Completed according to the test result in 3 minutes, or move to Inspect un-tight Connectors.

Information

20%

CANCEL

Do not touch any system buttons while performing this function.

0000000000000000 EV6(CV)/2022/160kW (2WD) / 70+160kW (AWD)

* [Inspection to tighten a high voltage battery pack connector]

In the final inspection of an un-tight connector
Completed according to the test result in 3 minutes, or move to Inspect un-tight Connectors.

Information

The high-voltage battery pack combined check has been completed.

[OK] Button: End the function

OK

CANCEL

Do not touch any system buttons while performing this function.



- The connector connection test has been completed, but there may be an abnormality in the cell voltage. Check the cell voltage through Sensor Data diagnosis.