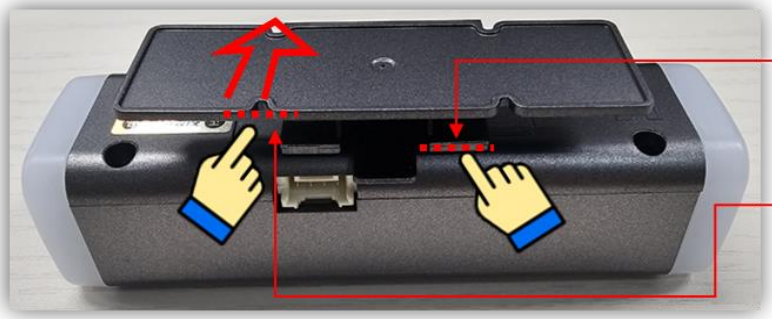
User Manual for EVcheck in Electric Vehicle

2024.09

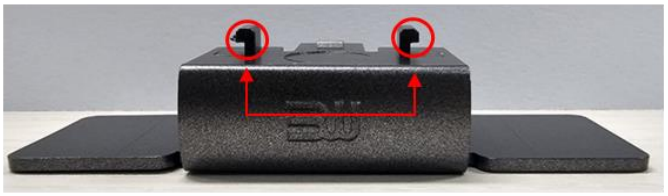
Ver. 1.0.2

BETTERWHY

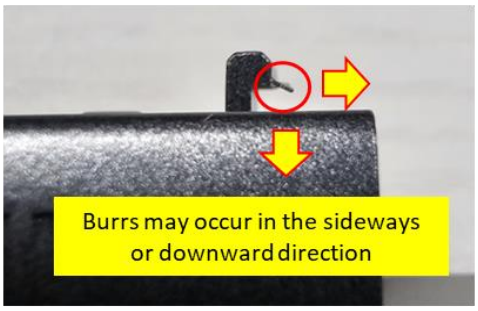
1. Main Unit and Cradle Connection



※ Note

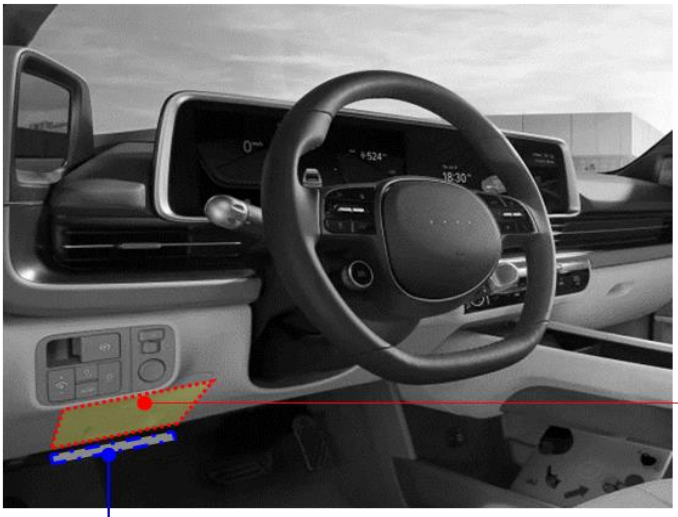


Burrs may occasionally occur during the molding process, and it may be necessary to remove them using tools when needed



2. Connect OBD cable (to vehicle and main unit)

The OBD connector installation location is one of the two positions below (① or ②)

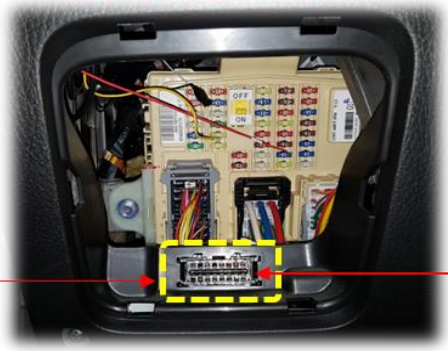


① OBD connector location

(Located below the fuse box, protruding)

② OBD connector location

(Inside the fuse box)

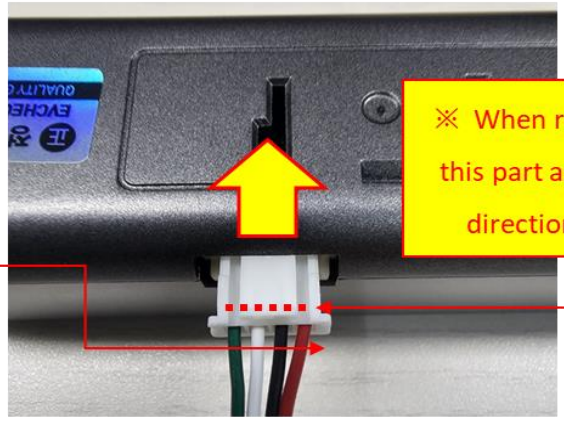


Fuse box cover removal

OBD cable

① Connection

OBD cable pin



※ When removing the pin, press this part and pull in the opposite direction to detach it easily..

② Insert the pin

(※ Check the pin orientation)

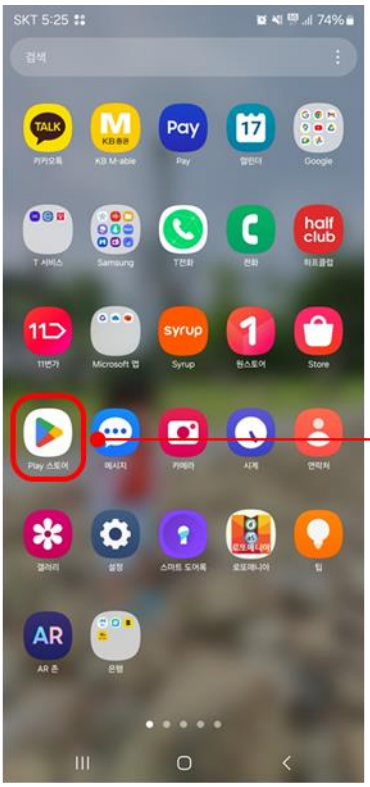
Check the attachment location of the smart indicator and adjust the OBD cable length. Extend the cable to the dashboard using the weatherstrip securing gap. Afterward, organize and secure any excess cable in the empty space inside the fuse box. Finally, reattach the weatherstrip

① Temporary removal of the weatherstrip

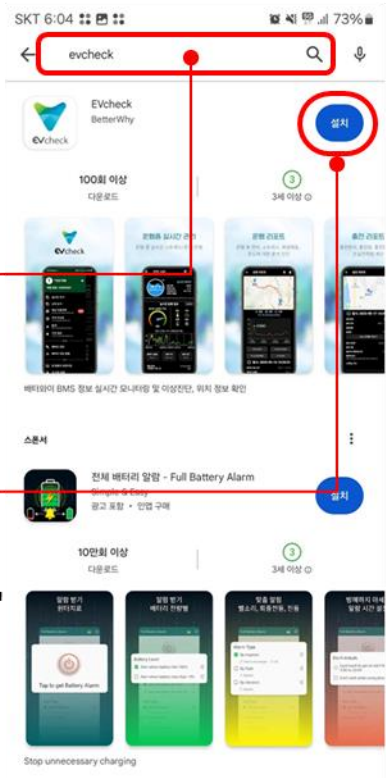
② Attach double-sided tape to the cradle and then secure it to the vehicle dashboard

Attach to the vehicle after finalizing and organizing the cable length

3. App Installation and Pairing Instruction



① Click of Google"**Play Store**"



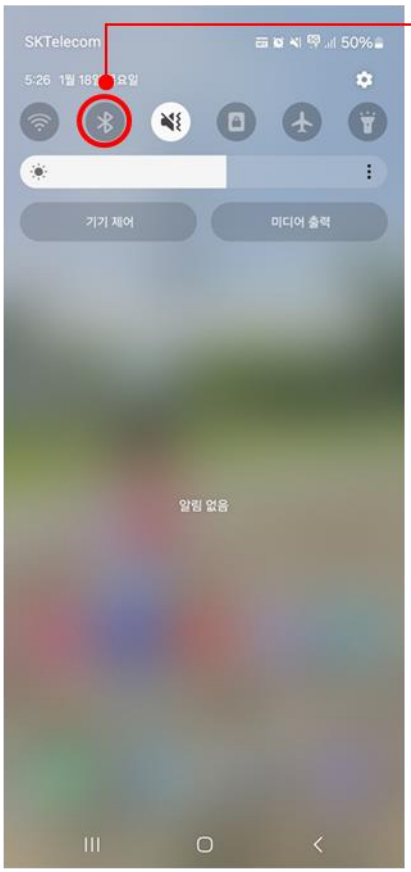
② Enter "**EVcheck**" in the search bar

③ Verify the EVcheck logo, then click 'Install.'

After installation is complete, click 'Open

EVcheck
BetterWhy

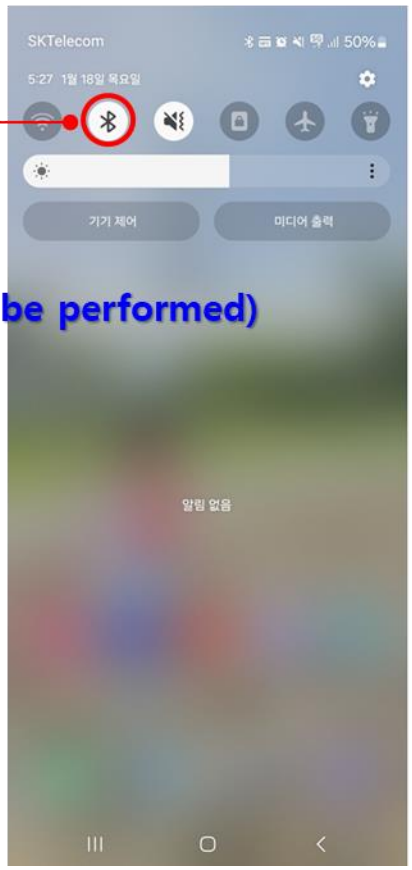
After completing the app installation, make sure to check the Bluetooth connection status before proceeding to the next step

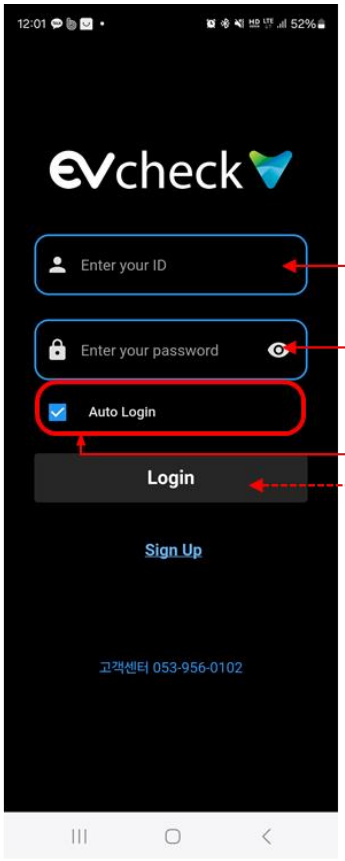


If Bluetooth is not enabled on your phone, **click to activate it**

Bluetooth is enabled

(pairing can now be performed)





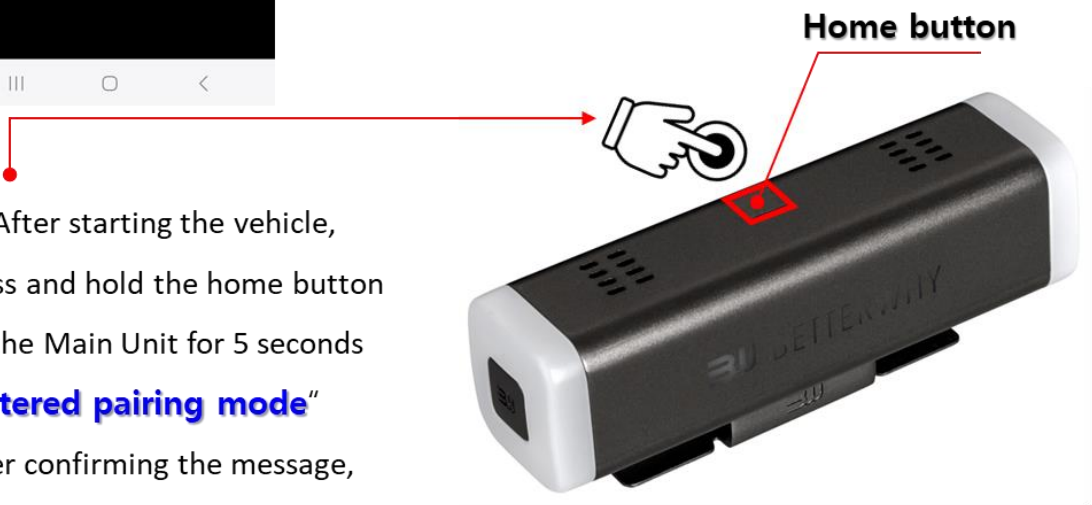
④ Enter ID

⑤ Enter password

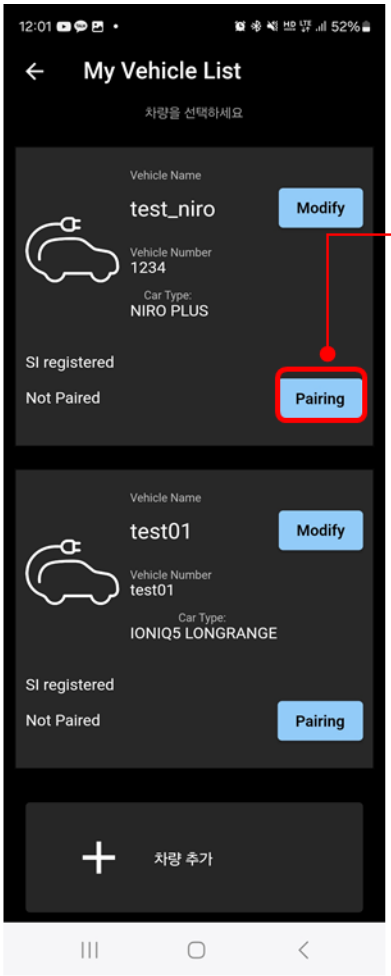
Notes for entering ID / Password

•General users: Use the same ID and password registered on the website.
•Corporate users: Use the ID and password provided by Batterway."

⑥ Check 'Auto-login' and then click Login



⑦ After starting the vehicle, press and hold the home button on the Main Unit for 5 seconds "**Entered pairing mode**" After confirming the message, proceed with pairing in the app



⑧ Click the pairing button

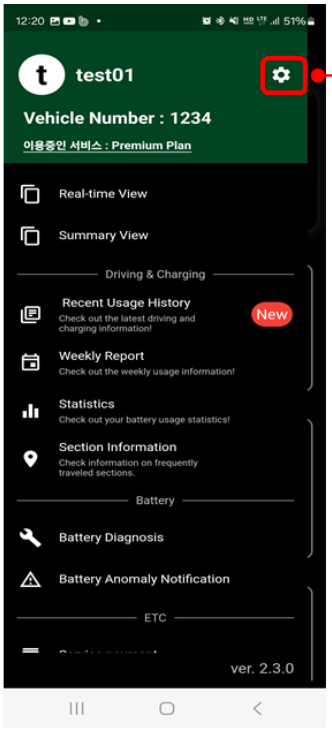
⑨ Click 'Search

⑩ Select 'SI_046334

※ The 6-digit number is the last part of the vehicle's chassis number

⑪ Click 'Pairing

⑫ Click



⑬ Click

The circled area is positioned on the right (indicated in blue)

Change Volume

Click if needed to adjust the volume

(only adjustable when connected to the Main Unit

Brightness Controal

"Click if needed to adjust the brightness

(only adjustable when connected to the Main Unit).

※ By default, brightness is automatically adjusted based on the time of day."

4. Main Unit (Smart Indicator, SI) Operation Description

The system individually diagnoses the condition of all cells in the battery using a cloud-based platform. It continuously monitors real-time status, anomalies, and degradation, and informs you of the current state through the side and central logo lights.

- **Central logo LED: Battery aging and anomaly alerts**

  - The LED indicates battery aging and signs of anomalies in specific battery cells by displaying appropriate colors. This helps inform users of potential performance degradation and prevents fire hazards.

- **Side LED: Battery stress alerts**

  - The side LED indicates battery stress based on driving and charging conditions, encouraging proper management. It analyzes current battery condition, driving environment, and driving patterns to provide real-time feedback on battery stress, thereby promoting battery lifespan extension. [Green ◀ ▶ Red]

5. Information

Model	**EVCHECK24BCV01**
Wireless	**Bluetooth v4.2**
Rated Voltage	**DC 12 V**
Size	**102 mm x 25 mm x 25 mm**
Manufacturer	**DAEHYUN HI-TECH**

6. FCC Part 15 information

FCC ID: 2BKUPEVCHECK24BCV01

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to
provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference
to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to
radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Compliance Statement:

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.