Gauge Cluster Installation

PART NO.	VEHICLE	COMPONENT
33-039	ICON EV	ICON Gauge Cluster 2017-2024

WARNING

Wear safety glasses and insulated gloves before beginning.

STEP 1:

Remove the Factory Cluster

Locate the 2017-2024 Icon Gauge Cluster in the dash console (small LCD display with the ICON logo beneath the screen). Grip the cluster and pull firmly back toward you - it will pop out of the dash. Once free, disconnect the two factory connectors on the back of the cluster.

- *The cluster is held by friction clips - no tools are required to remove it.*

STEP 2:

Install the Bolt Jumper Harness

With the factory connectors unplugged from the screen, connect the supplied Bolt jumper harness inline: plug the factory connectors into the matching ports on the jumper, then connect the jumper's opposite ends to the gauge cluster. Seat each connector until it clicks into place, then reseat the cluster.

- *Route the jumper's CAN lead (labeled 'CAN') to the Bolt battery - see the CAN cable install guide.*

STEP 3:

Connect the CAN Harness

Locate the CAN lead on the gauge cluster adapter (labeled 'CAN') and the CAN harness from the Bolt battery (also labeled 'CAN'). Match the two round threaded connectors - one has sockets, the other has pins - align them and thread the knurled collar by hand until snug.

- *Do not overtighten - hand-tight on the collar locks the CAN connection.*

STEP 4:

Connect the Switch Harness

Locate the Switch lead on the gauge cluster adapter and the Switch harness from the Bolt battery. As with the CAN connection, match the two round threaded connectors - one has sockets, the other has pins - align them and thread the collar together by hand until snug.

- *Both harnesses route back to the Bolt battery - they are connected to their ports in the next step.*

STEP 5:

Connect the Harnesses to the Battery

Route the CAN and Switch harnesses to the Bolt battery and connect each to its labeled port. Uncap the ports as needed, align the round threaded connector, and thread the collar hand-tight until snug:

- **CAN harness** plugs into the battery CAN port.
- **Switch harness** plugs into the battery Display port.

Double-check each harness label against the port label before connecting - do not overtighten the collar.

CAN lead to CAN port

Switch lead to Display port

Both connected

STEP 6:

Reseat the Screen & Power On

With all harnesses connected, seat the new Bolt gauge cluster back into the dash console until it snaps firmly into place. The battery is already powered on, so simply turn the key on - the screen will power up and display the Bolt logo, confirming it is communicating with the battery.

- *Use the SET and MODE buttons to navigate the display once powered on.*

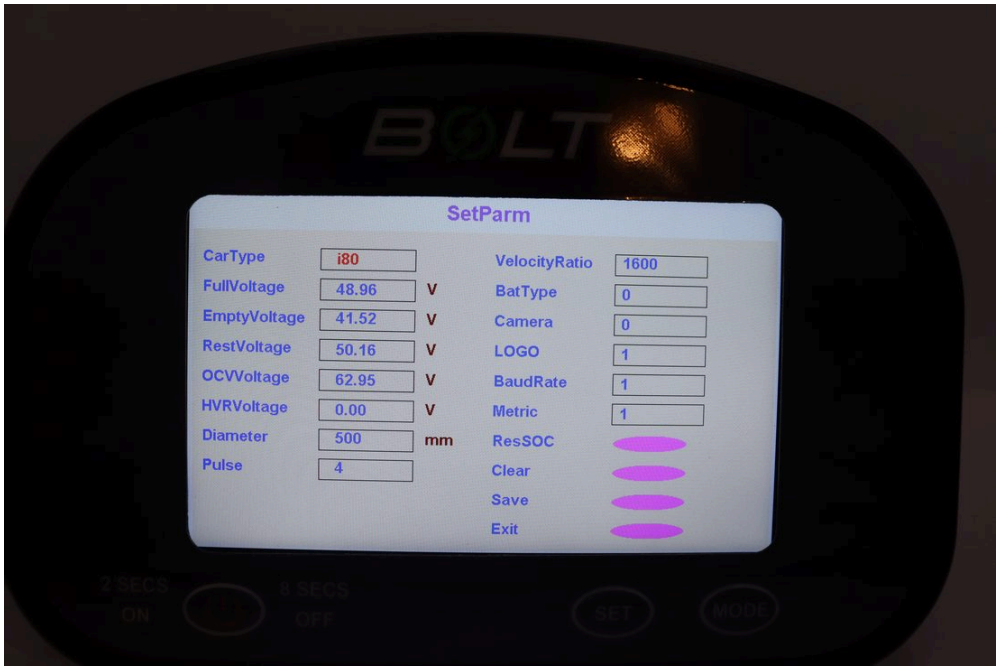
STEP 7:

Set the Cart Type (Speedometer Calibration)

Selecting the correct Cart Type auto-populates the speedometer settings for that gear ratio and tire size, so the speed reads accurately. From the powered-on screen:

1. Press and hold the MODE button for 3 seconds to open the settings page (SetParm).
2. Tap MODE to move through the fields until CarType is highlighted (shown in red).
3. Press SET repeatedly to cycle the CarType value until it shows the profile you want: i80, Lifted, or Non-Lifted.
4. Tap MODE until you reach the Save icon.
5. Press SET to save. The speedometer settings are now calibrated.

■ *Selecting the profile auto-fills VelocityRatio and Diameter - no manual number entry is needed.*



SetParm settings page - CarType selects the profile