

## "36" - Detection circuit on the keypad has an error

Error code	Cause	Result
36	Detection circuit on the keypad has an error.	The display shows the error code 36.

### Component Description

Keypad on the display is the set of buttons that you press in order to operate it.

### Component Location

The keypad is used to interact with the system on the display.

### Conditions for Running the Diagnostics

After the system is turned on, the diagnosis runs continuously.

### Error Phenomenon

The display shows the error code 36.

### Conditions for Clearing the Error Code

After the diagnosis runs and passes, the system works normally.

### Troubleshooting

Step 1 Check the connector of the display.

Check the display cable and the connectors for the following conditions:

Inspect the cable and connector pins for the following:

- Loose connector
- Corroded pins
- Bent or broken pins
- Dirt or debris in or on the connector pins
- Wire insulation damage
- Connector shell broken

Specification	Solution
Correctly connected.	Go to step 2.
A damaged connection has been detected in the harness connector.	Clean the connector and pins. Repair the damaged harness, connector, or pins, if possible. Then go to step 5.

Step 2 Connect the pedelec to the BESST and use BESST to update the controller.

Specification	Solution
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The system returns to normal.	Go to step 5.
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The system doesn't return to normal after update.	Go to step 3.
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Step 3 Replace the display.

Specification	Solution
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The system returns to normal.	Go to step 5.
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The system doesn't return to normal.	Go to step 4.
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Step 4 Replace the controller.

Step 5 Clear the error code

Conditions: Connect all components, Turn on the system.

Specification	Solution
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Error code 36 is inactive.	Repair complete.
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Error code 36 is active.	Return to the step 1 or contact BAFANG if all steps have been completed and checked again.
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