"26" - Torque sensor speed signal fault

Error code	Cause	Result
26	Speed signal of the torque sensor has an error.	The display shows the error code 26 and the motor cannot work.

Component Description

The torque sensor is integrated with a cadence sensor to measure the cadence applied on the pedals.

Component Location

The torque sensor is installed between pedals.

Conditions for Running the Diagnostics

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

Error Phenomenon

The display shows the error code 26 and the motor cannot work.

Conditions for Clearing the Error Code

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

Troubleshooting

Step 1 Check all connectors on the pedelec.

Check the cables and the connectors for the following conditions:

Inspect the control harness and accelerator pedal 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 check the signal of torque sensor.

Specification	Solution
The speed signal is normal.	Go to step 3.
Can't read the speed signal from torque sensor.	Go to step 4.

Step 3   Replace the display.

Specification	Solution
The system returns to normal.	Go to step 6.
The system doesn't return to normal.	Go to step 4.

Step 4   Use BESST to update the controller.

Specification	Solution
The system returns to normal.	Go to step 6.
The system doesn't return to normal after update.	Go to step 5.

Step 5   Replace the torque sensor.

Step 6   Clear the error code

Conditions: Connect all components, Turn on the system.

Specification	Solution
Error code 26 is inactive.	Repair complete.
Error code 26 is active.	Return to the step 1 or contact BAFANG if all steps have been completed and checked again.