"08" - Error with the hall sensor

Error code	Cause	Result
08	Error with the hall sensor.	The display shows the error code 08.

Component Description

The Hall sensor is used to drive the motor smoothly and continuously as the electronic switch.

Component Location

The Hall sensors are installed on the stator of motor.

Conditions for Running the Diagnostics

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

Error Phenomenon

The display shows the error code 08.

Conditions for Clearing the Error Code

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

Troubleshooting

Step 1 Check all the connectors from the motor (Only for FM & RM).

Check the cable and the connectors from motor 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	Replace the motor.
A damaged connection has been detected in the harness connector.	Clean the connector and pins. Repair the damaged harness, connector, or pins, if possible.

Step 2 Clear the error code

Conditions: Connect all components, Turn on the system.

Specification	Solution
Error code 08 is inactive.	Repair complete.
Error code 08 is active.	Return to the step 1 or contact BAFANG if all steps have been completed and checked again.