

"33" - Brake detection circuit is fault

Error code	Cause	Result
33	Brake detection circuit is fault.	The display shows the error code 33 and electronic brake cannot work normally.

Component Description

An electronic brake system is provided to improve brake performance by making structure simple. The electronic brake cable is one component of the EB-BUS cable.

Component Location

The electronic brakes are installed on the handlebar.

Conditions for Running the Diagnostics

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

Error Phenomenon

The display shows the error code 33 and electronic brake cannot work normally.

Conditions for Clearing the Error Code

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

Troubleshooting

Step 1 Check the connectors of brakes.

Check the electronic brake 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
Dirty or damaged pins.	Clean the connector and pins. Repair the damaged harness, connector, or pins, if possible.
Correctly connected.	Replace the brakes.

Step 2 Clear the error code

Conditions: Connect all components, Turn on the system.

Specification	Solution
Error code 33 is inactive.	Repair complete.
Error code 33 is active.	Return to the step 1 or contact BAFANG if all steps have been completed and checked again.