

Motor Error E07 — Motor & Wiring Troubleshooting

“ E07 rarely means the motor is dead. Phase connectors and the hall sensor plug are the usual culprits.

Applies to: D-series · **Error code:** E07

https://www.youtube.com/embed/CzHiB4Q_Q0?rel=0

Cemoto E07 Error – Motor & Wiring Troubleshooting Guide — if the player does not load, [open the video on YouTube](#).

What E07 means

E07 = Motor Error. It covers hall sensor faults, phase wiring faults and genuine internal motor faults.

It does not distinguish between them. That is why E07 has a deserved reputation for triggering unnecessary motor replacements.

Check in this order

1. **Inspect the motor's main connector.** Unplug it, look for backed-out pins, corrosion or heat discoloration, and reseal it firmly.
2. **Check the three phase wires.** They carry heavy current and are the most stressed connectors on the bike. Look for a chafed or pinched run where the cable passes the swingarm or frame edge.
3. **Check the hall sensor plug.** This is the small multi-pin connector at the motor. A single bent or backed-out pin here produces E07 with a perfectly healthy motor.

4. **Wiggle test** with the bike powered: flex the motor cable gently. If the error appears or disappears, the cable or connector is faulty.
5. **Confirm the wheel turns freely** with the power off. A dragging brake or a seized bearing can present as a motor fault.
6. **Check for E09 alongside E07.** If both appear, the problem may be at the controller rather than the motor.
7. **Only then suspect the motor itself.** See [Motor Removal](#) and [Motor Installation](#).

Decision guide

Finding	Action
Connector loose, corroded or discolored	Clean and reseal — no cost
Damaged cable section	Repair or replace the cable
Bent hall sensor pin	Straighten or replace the plug
Wiggle test changes the fault	Cable or connector fault — no motor replacement needed
Wheel does not turn freely	Investigate the brake or bearing first
E07 and E09 together	Check the controller — see E09
Everything checks out	Contact Support before ordering a motor

“ ⚠ **Warranty note.** Opening the motor yourself voids the warranty on that part. Removal and refitting for a warranty replacement should follow CEMOTO support's instructions. See [Warranty Claims](#).

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- [Motor & Controller Faults](#)
- [Motor Removal](#) · [Motor Installation](#)
- [Controller Error E09](#)
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