

Removing a CEMOTO Motor — Step-by-Step

“ Safe removal, and the inspection you should do while the motor is out.

Applies to: D-series

<https://www.youtube.com/embed/yjHDsPmQ-OI?rel=0>

How to Remove a CEMOTO Motor | Step-by-Step Tutorial — if the player does not load, [open the video on YouTube](#).

What you need

Tool	Notes
Socket set	Axle nuts and mounting hardware
Side cutters	Cable ties — you will cut some
Pen and phone camera	Photograph every connector before you unplug it

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

Steps

1. **Power the bike off** and let it stand.
2. **Support the bike** with the wheel clear of the ground.

3. **Photograph the wiring** at the motor before touching anything — phase order and connector orientation are easy to forget.
 4. **Release the chain / belt tension** and move it clear of the sprocket.
 5. **Disconnect the three phase wires** and the hall sensor plug. Pull connector bodies, never the wires.
 6. **Remove the axle nuts** and note the position of any spacers or torque washers.
 7. **Lower the wheel out** of the frame. It is heavy — support it as it comes free.
 8. **Inspect before you go further:** phase wire chafing, hall plug pin condition, bearing play, and any sign of water ingress at the cable entry.
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While the motor is out

Check	Why
Bearing play	Spin the wheel and feel for roughness or lateral movement
Cable entry	Water ingress here causes intermittent faults for months
Sprocket wear	Far easier to replace now than after refitting
Brake disc condition	Check for warping or scoring while it is off the bike

Related

- [Motor Installation](#)
 - [Motor Error E07](#)
 - [Torque Reference](#)
 - [Tutorials Index](#)
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