

How to Limit Speed on a CEMOTO Electric Dirt Bike

“ Three ways to cap the top speed — and what each one actually does.

Applies to: D-series

<https://www.youtube.com/embed/L4AlPisFucl?rel=0>

How to Limit Speed on Your CEMOTO Electric Dirt Bike | Easy Setup Tutorial — if the player does not load, [open the video on YouTube](#).

The three methods

Method	Parameter	What it does
Speed limit	P08	Caps top speed. 0 = no limit; the value is in km/h
Drive mode	P10	0 = power, 1 = electric, 2 = coexist
Start intensity	P12	0-5 — how hard the motor comes in from a stop

Steps

- Decide which you actually want.** If the concern is *top speed*, use **P08**. If the concern is *how abruptly the bike launches*, that is **P12**, not P08.
- Open the parameter menu** and navigate to the chosen parameter.
- Set the value.** For P08, the number is in **km/h** — 25 km/h ≈ 16 mph.
- Save, exit, and power cycle.**

5. **Test at low speed** in a safe open area, then confirm the cap holds.

A speed cap is not the same as gentler acceleration

A common misconception. Lowering P08 limits how fast the bike will eventually go. It does **not** change how hard it accelerates up to that speed — the bike still comes off the line just as sharply. For a new or younger rider, **P12 is usually the more useful setting**.

Watch out for

- **Setting P08 to 0 expecting "slow".** 0 means **no limit**, not "stop".
 - **Assuming a speed cap makes the bike suitable for a smaller rider.** Fit, reach and weight matter more than top speed — see [Rider Fit & Sizing](#).
 - **Changing P03 or P14 while you are in the menu.** Neither has anything to do with speed, and both cause real faults.
-

Related

- [P-Setting Guide](#)
 - [Rider Fit & Sizing](#)
 - [Riding Laws & Compliance](#)
 - [Tutorials Index](#)
-

Revision #8

Created 2026-09-22 02:00:30 UTC by Cemoto

Updated 2026-09-22 04:53:41 UTC by Cemoto