

Maintenance Schedule

What to check, and when.

Before every ride

Check	Detail
Brakes	Lever feel firm; brake cuts motor power; pads not worn; no drag
Throttle	Snaps back to zero immediately; housing intact
Tires	Pressure correct; no cuts or embedded debris
Wheels	Spin freely; no lateral play or scraping
Battery	Sufficient charge for the planned ride; fully seated and latched
Frame and fork	No cracks, breaks, worn or loose parts
Fasteners	Axles, stem bolts and footpegs secure
Chain	Slack approximately 15 mm
Display	Illuminates; correct power reading; no error indicator
Lights and horn	Operational

Full checklist: [Pre-Ride Inspection](#).

After every ride (off-road use)

Task	Why
Clean mud and grit from the chain, sprockets and tensioner	Grit is the primary cause of drivetrain wear
Inspect the brakes for grit, glazing and pad wear	Off-road braking accelerates pad wear
Wipe down the frame and suspension	Prevents corrosion and lets you spot cracks
Check the tires for damage and embedded debris	Off-road riding increases puncture risk

Task	Why
Allow the motor and brakes to cool before touching them	These components get very hot and can burn skin
If ridden in wet or dusty conditions: lubricate the chain	Prevents stiff links and rust

Weekly (or every few rides)

Task
Check and correct tire pressure
Check chain tension and adjust if necessary
Inspect brake pad thickness; adjust cable tension if applicable
Inspect the chain, sprocket and tensioner pulley for wear
Check the spoke tension and wheel trueness
Check the suspension for oil weeping and damaged seals
Re-check all fasteners, especially after any off-road ride on rough terrain
Clean the controller housing fins of mud so they can dissipate heat

Monthly

Task
Battery health check. Confirm the battery accepts and holds a full charge; note any decline in range
Inspect all electrical connectors for corrosion, water ingress and burned pins
Inspect the wiring harness for chafing where it passes the steering head, swing arm pivot and frame edges
Check the brake fluid level (hydraulic brakes) and look for leaks at the caliper, hose and master cylinder
Inspect the tires for sidewall cracking and tread wear; replace if worn
Check the suspension mounting bolts and shock pivots
Clean and inspect the chain; measure for elongation
Verify all lights, the brake light and the horn
Test the brake power cut-off function

Every 6 months

Task
Consider a professional service — bearings, suspension and hydraulic brakes benefit from specialist attention
Bleed hydraulic brakes if lever feel has softened
Inspect wheel bearings and replace if rough or noisy
Inspect the suspension for oil loss and consider a fork/shock service
Full inspection of the frame for cracks, particularly around the head tube and shock mounts
Review the maintenance log and schedule any outstanding work

Annually

Task
Full professional service, including bearings and suspension
Replace hydraulic brake fluid
Replace the chain and sprocket as a set if worn
Assess the battery's remaining capacity against a new pack
Check the frame, fork and swing arm for fatigue cracks
Replace worn cables and housings

Battery lifespan note: rechargeable batteries average **1 to 2 years** of service, depending on conditions and usage. Plan for replacement. See [Battery Care & Charging](#).

After specific events

Event	Actions
Wet weather riding	Dry the bike; lubricate the chain; inspect connectors for water ingress; check brake performance
Sand or salt exposure	Rinse thoroughly with low pressure; lubricate the chain; check for corrosion, especially on fasteners and the frame

Event	Actions
Deep mud	Clean the drivetrain, wheels, brake calipers and controller fins
Storage	See Cleaning & Storage — set the battery to a partial charge and disconnect it
Professional repair or wheel removal	Re-verify axle torque, brake alignment and chain tension
Shipping or transport	Inspect for damage before the next ride

Owner manual maintenance requirements

Reproduced from the CEMOTO owner manual:

1. **Battery** — Use only the included battery. If it has been discontinued, replace it immediately with the recommended battery supplied with the electric motorcycle.
2. **Battery charger** — Use only the included battery charger. If it is out of service, replace it immediately with the recommended charger supplied with the motorcycle.
3. **Wheels** — Wheels and drive system components age or wear normally. It is the user's responsibility to systematically check the wheels for excessive wear and to properly adjust and replace drive system components if necessary.
4. **Spare parts** — Most common spare parts are available through our distributors.

Additional requirements from the manual:

- **Adjust the brakes frequently** and change the brake pads in time.
- **Check the chain tightness.** Slack should be about **15 mm**.
- **Check the air pressure frequently.** Low pressure increases resistance and reduces range.
- **The electrical elements can only be cleaned on the outside.** Do not open them yourself — opening them voids the warranty on those parts.
- **Do not overload the bike.** Electrical parts will be damaged; plastic parts may deform from high temperature and the fuse socket may be damaged by heat. These are not under warranty.
- **Cut off the power** if there is a problem with the electrical parts.
- **For safety, cut the power supply when the bike is not in use.**
- **The fastening torque of the fixing screw for the rear rack should be 16 N·m.**

Related pages

- [Pre-Ride Inspection](#)
- [Torque & Fastener Reference](#)
- [Battery Care & Charging](#)
- [Cleaning & Storage](#)
- [Maintenance Log](#)

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