

Cleaning & Storage

How to wash a CEMOTO electric bike or dirt bike without damaging it, and how to prepare it for storage.

Cleaning

The golden rule

Clean the exterior only. The owner manual is specific: *the electric elements can only be cleaned on the outside. There is no need to maintain the inside, and do not open them yourself.* Opening sealed electrical components **voids the warranty** on those parts.

What to protect

Component	Why	How
Motor	Water ingress damages windings and bearings	Never direct a jet at the motor or its cable exit
Controller	Sealed electronics; the fins need airflow	Never direct a jet at the controller or its connectors
Battery and charging port	Water in the charging circuit is a fire risk	Cover the charging socket; never wash with the battery port open
Display and connectors	Water in connectors causes corrosion and intermittent faults	Avoid directing water at the cockpit and connector blocks
Bearings (wheel, headset, bottom bracket)	High pressure drives water past seals	Never use a pressure washer
Fork and shock seals	High pressure drives grit into the seals	Never use a pressure washer
Brake discs and pads	Contamination reduces braking and causes noise	Avoid soaps and oils on braking surfaces

Recommended method

1. **Let the bike cool.** Do not wash a hot motor or hot brakes.
2. **Remove the battery** if your model allows, and cover the battery compartment and charging socket. If the battery is not removable, keep water away from the charging port.
3. **Rinse with low pressure**, using a garden hose without a high-pressure nozzle. Work from the top down.
4. **Wash with a mild detergent** and a soft brush or sponge. Use a separate brush for the drivetrain, which is greasy.
5. **Clean the drivetrain** with a dedicated degreaser and a stiff brush. Rinse thoroughly, then re-lubricate the chain while it is still slightly damp so the lubricant penetrates the rollers.
6. **Clean the controller fins** of mud so they can dissipate heat. Use a soft brush.
7. **Dry with a soft cloth** and allow the bike to air-dry fully before riding.
8. **Wipe the fork stanchions** and shock shaft clean to protect the seals.
9. **Check the brakes** after washing. A short, gentle braking session warms and dries the discs.

What not to do

- **Do not** use a pressure washer. It is the single most damaging cleaning tool for a bike.
- **Do not** use solvents, degreasers or aggressive chemicals on painted surfaces, plastics or the display.
- **Do not** aim water at electrical connectors, the motor, the controller, the display, bearings or seals.
- **Do not** wash with the battery charging port open or the socket damp.
- **Do not** submerge any part of the bike. Never ride through deep water, and never submerge the motorcycle — electrical and drive components may be damaged.
- **Do not** open sealed electrical components to clean inside.

After wet-weather riding

Even if there is no mud, wet-weather riding leaves moisture in the drivetrain and connectors.

1. Wipe the bike down and dry the chain.
2. **Lubricate the chain** — this is the most important action after a wet ride.
3. Check electrical connectors for water ingress; disconnect and reseal them if in doubt.
4. Test the brakes and all lights before the next ride.

Storage

Short-term storage (days to a few weeks)

Action
Clean and dry the bike
Leave the battery at roughly 40-70 % charge
Turn the power switch off
Store in a dry location, out of direct sun, away from freezing
Avoid leaving a fully charged pack in a hot environment

Long-term storage (weeks to months)

Step	Detail
1. Clean thoroughly	Dirt left on the bike attracts moisture and causes corrosion. Clean, then dry completely
2. Protect the drivetrain	Lubricate the chain generously
3. Set the battery charge	Charge to approximately 50 % . A full charge stresses the cells over time; a flat pack can permanently lose capacity or latch the BMS protection
4. Disconnect the battery	Remove it if the model allows, or disconnect it so it cannot slowly discharge. Even switched off, some systems draw a small parasitic current
5. Store the battery correctly	In a dry location within the recommended temperature range — approximately 68 °F (20 °C) to 45 °F (7 °C) . Never store frozen or at extremely high temperatures; extreme temperatures will permanently damage the battery
6. Reduce tire pressure slightly	Particularly in freezing conditions, where a fully inflated tire is more vulnerable
7. Protect from corrosion	Apply a protective spray to metal surfaces if the storage location is damp. Lubricate cables
8. Cover the bike	Use a breathable cover. Avoid plastic sheeting that traps condensation
9. Do not rest the bike on flat tires	Support it so the tires are not taking the full weight in one spot if stored for months

Bringing the bike out of storage

1. Inspect the full bike for corrosion, fluid leaks, cracks and pest damage.

2. Bring the battery to room temperature before charging.
 3. Fully charge the battery.
 4. Check and correct the tire pressure.
 5. Check the chain tension and lubricate the chain.
 6. Check the brakes — lever feel, pad thickness and free movement.
 7. Test the throttle, lights, horn and display.
 8. Check all fasteners — axles, stem, calipers, pedals.
 9. Complete the [Pre-Ride Inspection](#) before riding.
 10. Ride gently for the first few minutes and re-check after the first ride.
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Storage temperature reference

Condition	Guidance
Recommended battery storage temperature	~68 °F (20 °C) to ~45 °F (7 °C)
Avoid	Freezing conditions
Avoid	Extremely high temperatures, direct sun on the pack, hot vehicles
Consequence of extremes	Permanent battery damage

Warning reminders

From the CEMOTO owner manual:

- **AVOID** riding in the rain for long periods of time.
- **AVOID** water contact to the motor and electrical lines.
- **NEVER** ride through deep water.
- **ALWAYS** use caution when going through puddles.

“ Submerging the motorcycle in water can damage electrical and drive components.

Also note: **never touch the motor or brakes immediately after use.** These parts get very hot and can burn skin. Allow them to cool before cleaning or servicing.

Related pages

- [Battery Care & Charging](#)
- [Maintenance Schedule](#)
- [Pre-Ride Inspection](#)
- [Drive & Transmission](#)
- [Warranty](#)

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