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HP VELOTECHNIK's E-Drive Systems Retrofit Policy (USA)

HP VELOTECHNIK recommends that its tricycles and bicycles be equipped only with factory-installed e-drive systems or with retrofit kits supplied by the HP VELOTECHNIK that are designed and manufacturer-approved for the specific tricycle or bicycle model.

If a dealer, end user, or other third party installs an **alternative e-drive system**, the following requirements must be met:

- Maximum motor power: **750 watts (peak)**
- Maximum assisted speed: **20 mph (32 km/h)**
- Maximum torque: **120 Nm**
- Minimum front chainring size: **38 teeth** for bottom bracket motors / mid-drive motors
- The system must comply under applicable U.S. laws and regulations with the definition of a **Class 1** pedal assist electric bicycle or **Class 2** pedal assist electric bicycle with optional throttle-powered, no-pedal mode up to 20 mph (32 km/h)

Any third party performing such a retrofit is deemed to assume the role of the **manufacturer of the completed electric bicycle**.

Accordingly, that party is solely responsible for ensuring that:

- The e-drive system and the complete tricycle comply with all applicable **U.S. federal, state, and local laws and regulations**, including but not limited to consumer product safety requirements
- The product meets all applicable **safety standards** (e.g., bicycle and electrical system safety)
- The vehicle is properly **labeled** in accordance with applicable e-bike classification laws
- All required **technical documentation and conformity information** is maintained
- No modification may impair braking performance, structural integrity, or stability of the tricycle or bicycle.

The manufacturer assumes no responsibility or liability for modifications performed by third parties. All liability arising from such modifications rests solely with the party performing or commissioning the retrofit. Any modification enabling speeds or power beyond stated limits voids HP VELOTECHNIK's warranties and may render the vehicle illegal for public use.