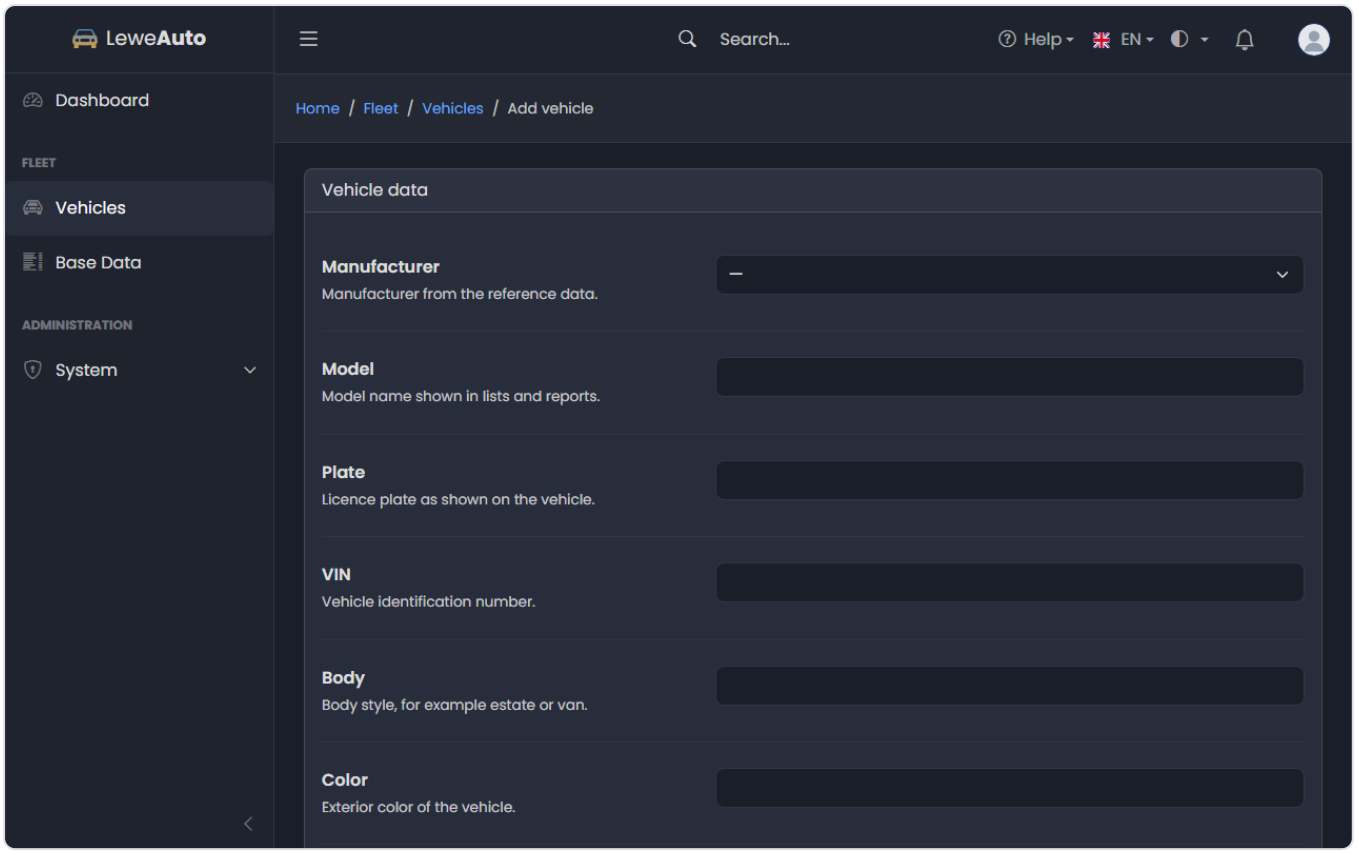
Create Vehicle

Vehicles → **Add vehicle** creates a vehicle record. The button requires `create_vehicle`.



Vehicle data

Field	Notes
Manufacturer	From Base Data
Model	Free text, at most 255 characters
Plate	Licence plate as shown on the vehicle
VIN	Vehicle identification number
Body	Body style, for example estate or van
Color	Exterior color
Country	Country of registration from base data
Drive	Drive type from base data
Fuel type	Energy source; its **energy kind** decides which extra fields appear
Public vehicle	Visible to every signed-in user, not only to assigned users
Doors / Seats	Numbers, not negative
Production date	Date the vehicle was built
Purchase date	Date the vehicle was purchased
Purchase price	In your preferred currency; stored in EUR with the exchange rate
Purchase odometer	Reading at purchase in your distance unit
Notes	Internal notes, at most 4000 characters

Fuel and plug-in hybrid fields

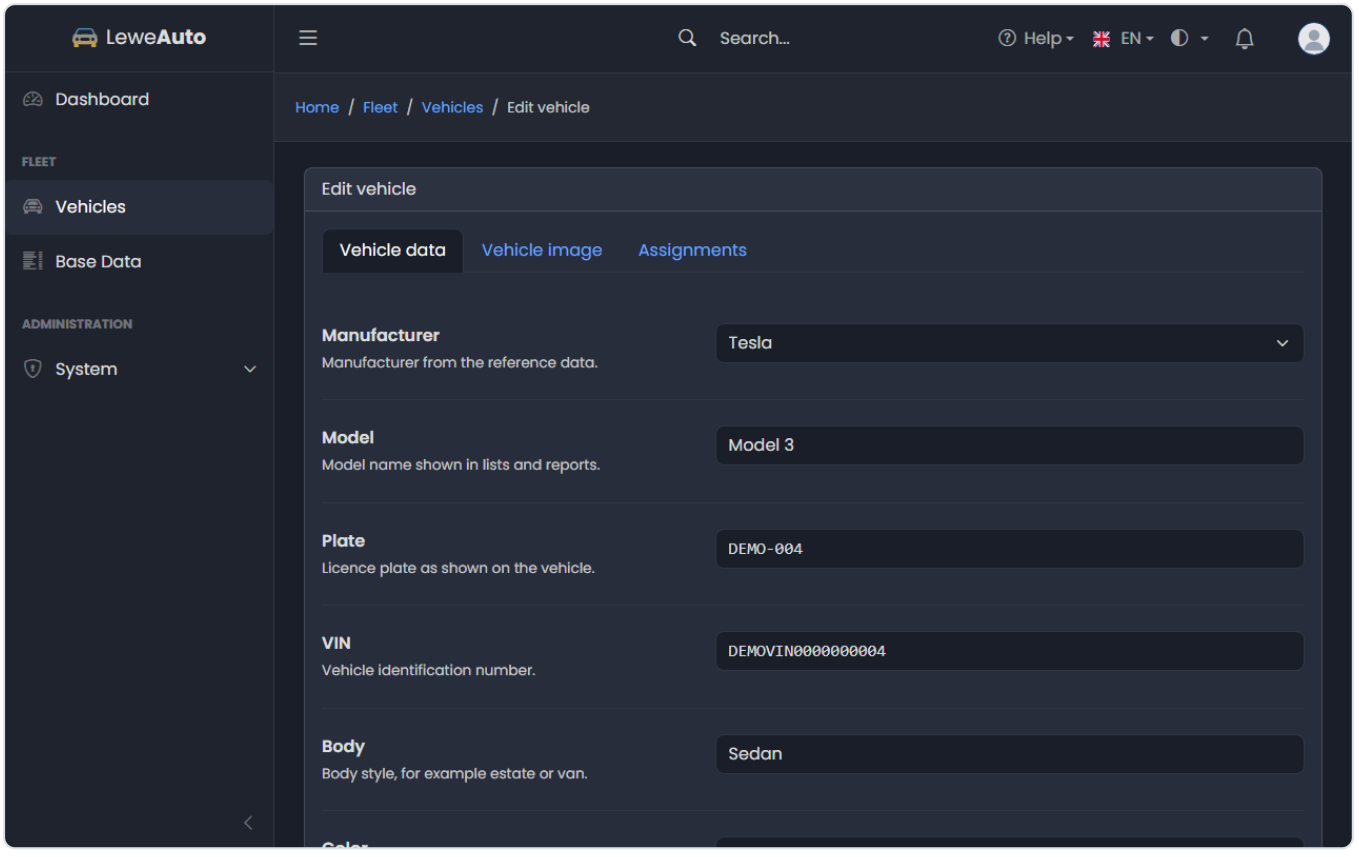
For a fuel or PHEV vehicle the form adds:

- **Engine displacement (ccm)**
- **Engine power (hp)**

Electric and plug-in hybrid fields

For an electric or PHEV vehicle the form adds:

- **Power (kW)**
- **Battery capacity (kWh)** and **usable battery capacity (kWh)** - usable must not exceed gross
- **Battery state of health (%)** - 0 to 100
- **WLTP range**, **EPA range**, **real-world range**, **consumption**
- **Maximum AC charging power**, **maximum DC charging power**, **onboard charger**
- **Connector type** - one or more from the built-in connector list
- **Battery type** (for example LFP, NMC or NCA), **battery warranty (years / km)**
- **Heat pump**, **V2L**, **V2H**



The fields of the other energy kind are hidden and are not saved. Switching the fuel type hides them and clears them on save.

Validation

- Numeric fields must not be negative.
- Battery SoH must be between 0 and 100.
- Usable battery capacity must not be greater than the gross capacity.
- Dates must be valid and are entered in the date format from your profile.
- The purchase price and odometer are converted from your preferred units into the stored metric base.

Creation is limited to **20 vehicles per hour** per user. The limit protects the API from accidental bulk creation.

After saving

LeweAuto opens the new vehicle. The form and this page do not yet offer an image or assignments; open **Edit** for those:

- **Vehicle image** – PNG, JPG, GIF or WEBP up to 1 MB; selecting a file uploads it immediately
- **Assignments** – select users and groups and save; assigned users see the vehicle even when it is private

See Vehicle Detail for the header actions and tabs.

> Load the base data first. Manufacturers, countries, drives, fuel types and connector types must exist before they can be selected. Assign the vehicle after saving so that drivers can record events.

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