

ABT e-T6

The ABT e-T6 is also available from the factory with electric drive (BEV).

It is particularly suitable for conversion into CEP vehicle.

1. Available model

- Vehicle body:
 - + Van long wheelbase
 - + Estate car long wheelbase
 - + Caravelle long wheelbase
 - + Left-hand drive
 - + With sliding door on the right and left
- Permissible total weight / upweighting
 - + N1: 2.8 t // 3.2 t
- Transmissions for electric drive 3-speed DSG (DQ500)
- Electric motor:
 - + 82KW/56 kW (peak /continuous power),
 - + Torque 200Nm
 - + Vmax 120 km/h
- Battery: Lithium-ion HV cells 53 Ah 37.3 kWh (gross)
- Charging socket:
 - 7.2 kW and Combo charging socket (CCS) for a fast charging of up to 40 kW (49 minutes of charging, 80% of capacity)
- Brake booster:
 - Vacuum brake booster
- Wheels / tyres:
 - + VW series catalogue

2. Optional

- Vehicle body:
 - + 2 divided rear doors
 - + Tailgate
 - + Rear doors sheet metal clad (no rear windows)
 - + Closed partition
- Seats:
 - + 9 seats
- Air conditioning:
 - + Climatic
 - + Seat heating
 - + Heated windscreen
- Electrics:
 - + GPS & telephone preparation
- Light & sight
 - + LED headlights
- Other equipment series and optional:

High-voltage system ABT e-T6

The high-voltage system consists of the following components:

- High voltage battery.
- Power electronics.
- Electric motor.
- High-voltage air-conditioning compressor.
- Charger for the high-voltage battery.
- Charging socket for the high-voltage battery.
- Orange high-voltage cables and connectors.
- High-voltage heating.

All work on the high-voltage system is to be executed only by an ABT-qualified specialist company with qualified and trained personnel in accordance with the ABT/Volkswagen directives.

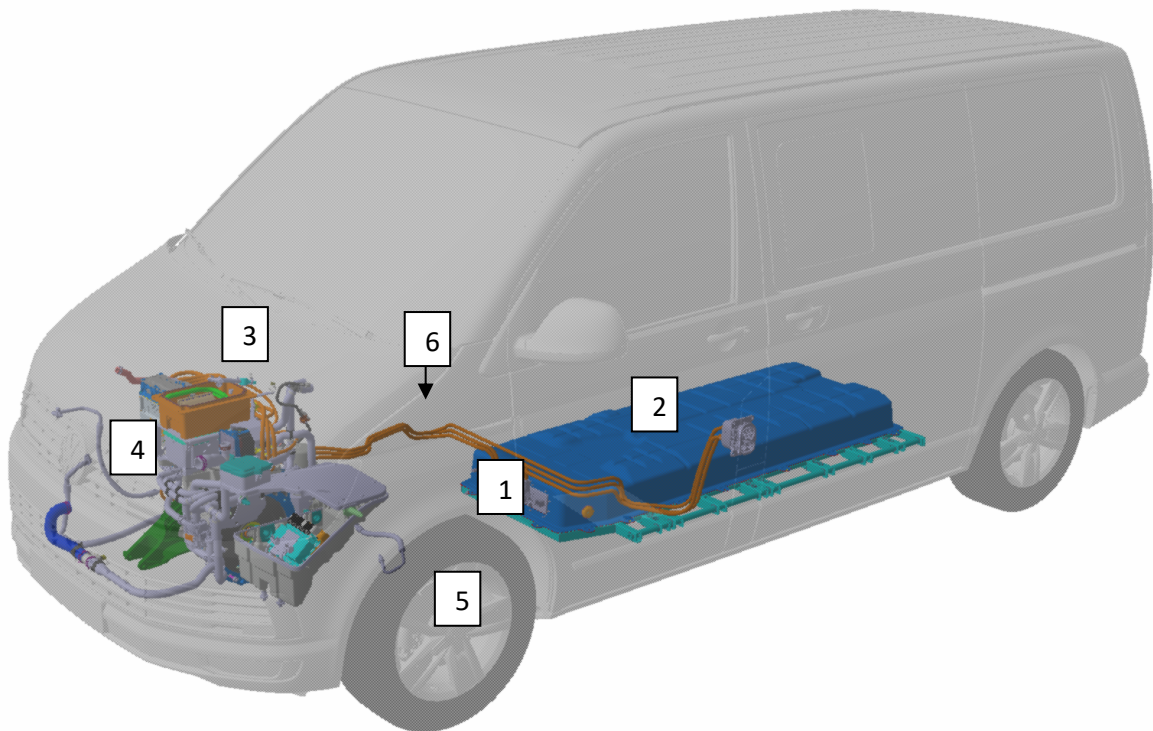


Fig. 1: Drive system ABT eT6

- 1 - Battery energy management
- 2 - High-voltage lithium-ion battery
- 3 - Power and control electronics for electric drive
- 4 - Electric motor
- 5 - Recovery of braking energy
- 6 - High-voltage cable (colour: orange)

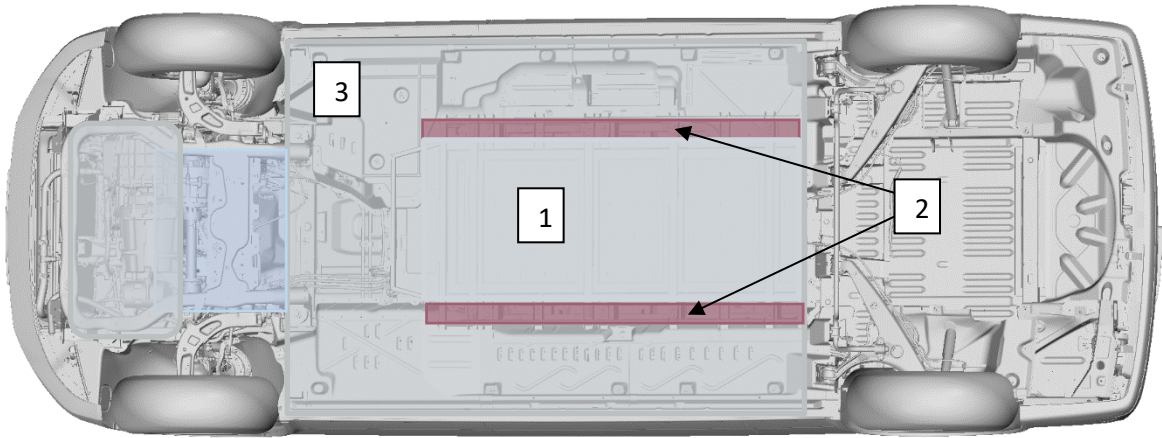


Fig. 2: ABT eT6, bottom view

1 – High-voltage lithium-ion battery including mounting frame and consoles

2 – Crash elements

3 – Underrun protection incl crash elements (transparent)

Warning notice

Improperly executed work on the high-voltage system and high-voltage components can cause malfunctions, accidents and injuries.

All work on the high-voltage system and systems that can be affected indirectly may only be carried out by qualified and trained personnel, and only by qualified companies in accordance with the Volkswagen directives.

Areas and conversions

1. Ground:

The components of the high-voltage battery system including the mounting frame and the crash elements must not be changed or drilled. The fittings in the passenger compartment/storage space, must not be replaced or removed. Attachment and conversion parts such as fittings and similar, as well as drilling, riveting or the like are only permitted from the rear axle of the vehicle floor. (see Fig. 3, highlighted section). Prior to implementing mounting and reconstruction measures, check the dimensions on-site!

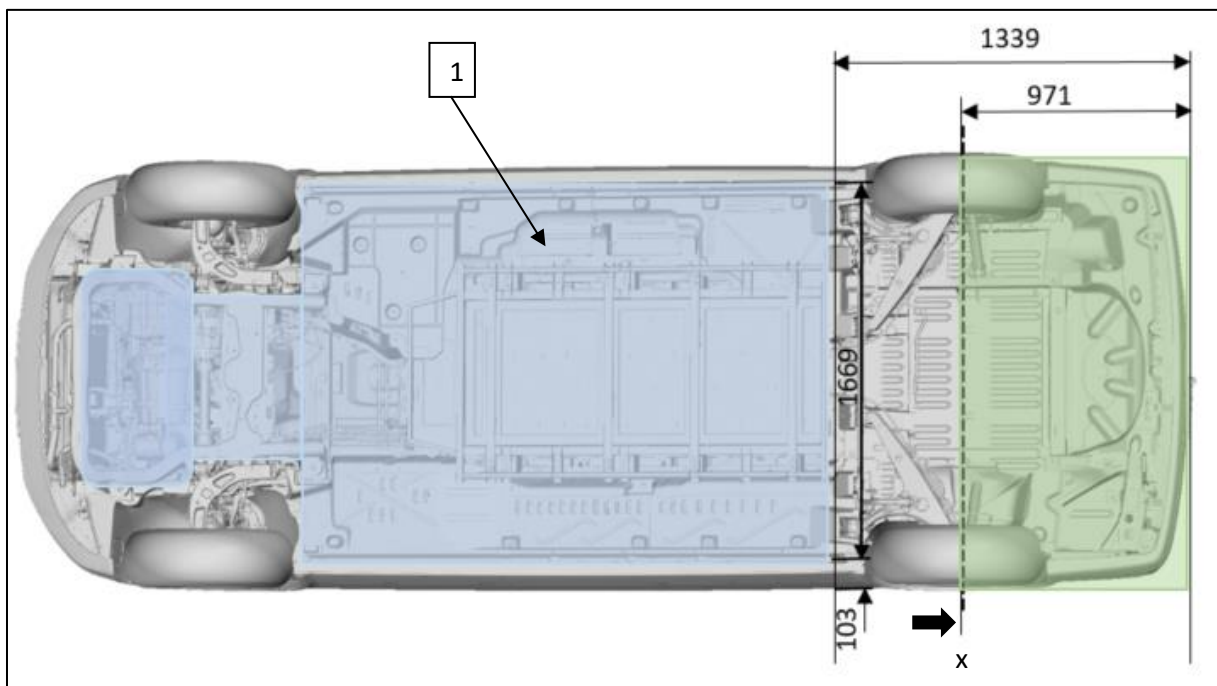


Fig. 3: ABT eT6, bottom view

X - Limit up to the changes in the floor system are not allowed

1 - Underrun protection incl. crash elements.

2. Side walls:

With regard to the high-voltage system, drilling on the side walls, the partition and the roof is not critical. (See Fig. 4, section highlighted in green). Prior to implementing mounting and reconstruction measures, check the dimensions on-site!

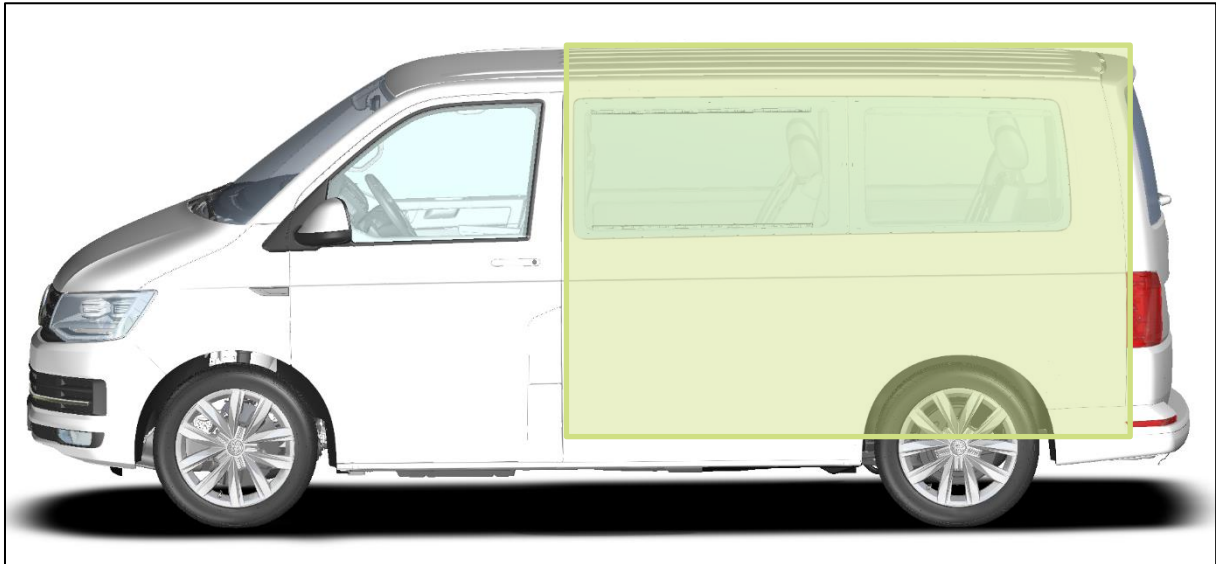


Fig. 4: ABT eT6 side view (view of driver side)

Warning notice

The voltage within the high-voltage vehicle electrics and the high-voltage battery is life-threatening! Touching damaged orange high-voltage cables and the high-voltage battery can result in a fatal electric shock. The high-voltage system can be active even if the ignition is off!

- Never carry out any work on the high-voltage electrical system, the orange high-voltage cables, the high-voltage components or the high-voltage battery. Work on the high-voltage network may only be carried out by qualified specialist companies that are approved for work on the ABT high-voltage system.
- Never change, damage or remove the orange high-voltage cables, high-voltage components and high-voltage battery or disconnect them from the high-voltage vehicle electrics.
- Work near high-voltage components, high-voltage cables and on the high-voltage battery with cutting, deforming, sharp-edged tools or heat sources, e.g. welding, soldering, hot air or thermal bonding, may only be carried out after the voltage has first been disconnected. The high-voltage battery cannot be de-energised. The high-voltage power disconnection may only be carried out by personnel appropriately qualified and trained by ABT.
- If there is a fault in the high voltage system, the drive will be automatically disabled if required and a corresponding indicator can be displayed in the instrument cluster. In this case the drive will be disabled until the fault has been rectified by personnel appropriately qualified and trained by ABT.
- When working on high-voltage vehicle electrics, in particular the orange high-voltage cables, the high-voltage components and the high-voltage battery, the ABT/Volkswagen directives must be adhered to.

Notice

Changes to the cooling and heating system and their components are only allowed by prior arrangement

All changes must be homologated by the body manufacturer on its own responsibility.