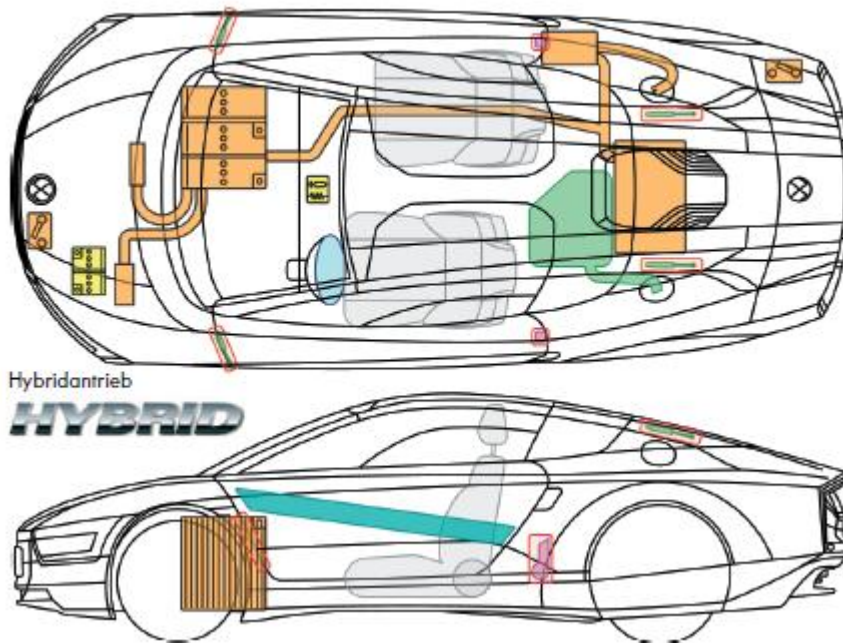



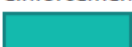



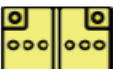





XL1 small series 50 XL1, Europe from 2013



Hybrid drive

The body of the vehicle consists of carbon fibre composite material.

Legend:

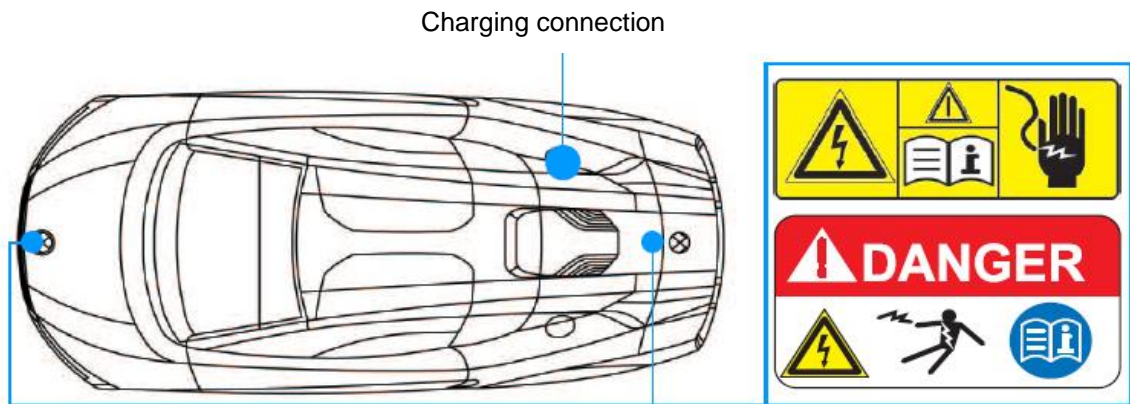
Airbag 	Body reinforcement 	Control unit 	HV Battery 
Gas generator 		12 V battery 	HV Cable 
Belt tensioner 	Gas pressure damper 	Fuel tank 	High Voltage system Isolator 

Status 04/2013, Volkswagen AG

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XL1 small series 50 XL1, Europe from 2013

Vehicle identification



High-voltage warning signs under the bonnet and under the boot lid

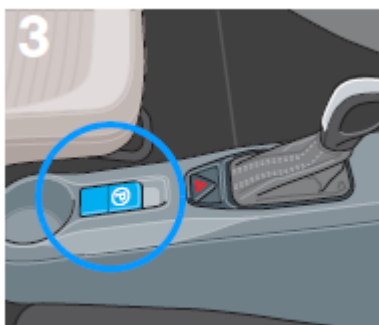
Vehicle design:

The vehicle is unique in its styling and has a charging connection

Secure vehicle against rolling off

1. Secure the vehicle from the outside against rolling off.
2. Put the gear lever in position P.
3. Apply the electric parking brake.

• The button of the electric parking brake in the centre console between gear lever and cup holder is marked with P.



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Deactivate vehicle



Deactivate drive and high-voltage system

1. Press START/STOP button

- The START/STOP button is in driving direction on the right behind the steering wheel.

2. Check the deactivation with the light of the START/STOP button

- If the light of the START/STOP button is switched off, the driving availability of the vehicle is deactivated.

3. Remove the ignition key out of the ignition lock in the centre console and move it at least 5 m away from the vehicle.

- The ignition lock is in front of the gear lever in the centre console viewed in driving direction.



and ADDITIONALLY

Depending on access disconnect a rescue separation point on the yellow mark.

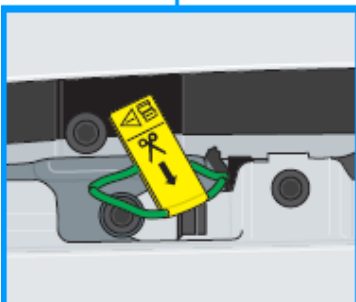
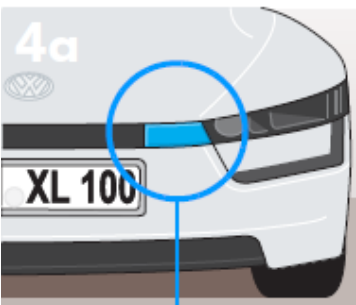
4a. Disconnect the rescue separation point at the front of the vehicle.

- The rescue separation point is in driving direction on the front left behind a service flap. The service flap can be taken off from the outside.

- Remove the service flap.

- Locate the rescue separation point according to the yellow mark.

- Cut through the 12 V cable on the mark.



Deactivate vehicle

Deactivate drive and high-voltage system (continued)



Or

4b. Disconnect the rescue separation point on the rear of the vehicle.

- The rescue separation point is in driving direction on the right in the boot under a service flap.
- Remove the service flap.
- Locate the rescue separation point according to the yellow mark.
- Cut through the 12 V cable on the mark.



About 15 seconds after the deactivation the high-voltage system is disabled. The high-voltage system, with the exception of the high-voltage battery, is now voltage-free and the passive safety systems such as airbags and belt tensioner are disabled.

After pressing the START/STOP button, removing the key and disconnecting the 12 V vehicle battery the passive safety systems such as airbags and belt tensioner are disabled after a discharging period of the airbag control unit of about 4 seconds.

Before the discharging period ends the airbags may go off because of the damage on the airbag system.



In accidents with driver airbag deployment the high-voltage system is automatically deactivated.

Before working on a vehicle with high-voltage system disconnect it from the charging infrastructure.

Deactivate vehicle

Deactivate airbag and belt tensioner

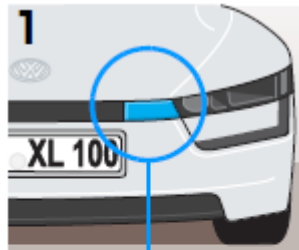
It is also possible to disconnect the 12 V vehicle battery in two different ways from the 12 V power system and thus to deactivate the airbags and belt tensioners.



When high-voltage system is activated, disconnecting the 12 V vehicle battery does NOT disable the high-voltage system.



The high-voltage system **MUST** be disabled via the rescue separation points.



1. Disconnect the 12 V vehicle battery via the service flap from the 12 V power system

- The 12 V power system separation point is a knurled screw. It is positioned in driving direction at the front left behind the service flap next to the headlights. The service flap can be opened from the outside.
- Remove the service flap.
- Locate the knurled screw.
- Turn the knurled screw at least 3 mm to 5 mm anti-clockwise.



It is also possible to disconnect the 12 V vehicle battery in two different ways from the power system and thus to deactivate the airbags and belt tensioners.

2. Disconnect the 12 V vehicle battery on the earth connection from the power system.

- The 12 V vehicle battery is under the bonnet. Unlike conventional vehicles the bonnet is screwed on.
- Remove the bonnet and disconnect the earth connection of the vehicle battery.

Further information about the vehicle

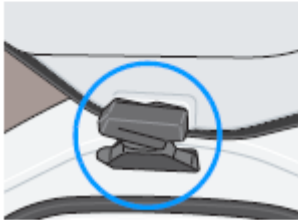


Roof and door system

The vehicle has two wing doors.



The wing doors are fastened with pins.



In a crash (only with roll-over) the pin is automatically separated and the doors can be removed.

Instructions on using lithium-ion batteries

Vehicle fire

- A fire must be extinguished and the vehicle cooled with a lot of water. Further suitable extinguishing agents for the high-voltage battery are foam, CO₂ and extinguishing powder.
- If the high-voltage battery burns together with other combustible substances, the fire fighting method of the other substances must be used.
- When fire fighting appropriate breathing protection and personal protective equipment must be worn.
- The safety distances must be kept. Avoid touching the high-voltage battery.



Extinguishing the high-voltage battery with too little water can lead to a chemical reaction with the release of dangerous substances.

Breathing in the gases during a high-voltage battery fire can damage the airways. Touching the high-voltage battery can cause skin and eye injuries.

Vehicle in the water

Before the emergency services can start their work water must be drained after salvaging the vehicle out of the water. Work on the vehicle can then be performed while complying with the instructions (personal protective equipment).



Ignoring this can lead to serious injuries.

Instructions for Volkswagen test vehicles

Who has to be notified?

If a Volkswagen test vehicle is involved in an accident:

- Promptly inform the control room and ask them to pass on the information to the police.
- If your control room does not know how to handle test vehicles, ask the driver of the test vehicle whether anybody at Volkswagen has been informed about the accident and pass on this information to the control room.

The vehicle normally includes an information sheet about who has to be informed at Volkswagen. This involves especially Volkswagen Accident Research.

- When handing over to other persons inform them about the status of electric vehicles.

Applicable documents

Observe also the manual for resource services: "Instructions on the rescue of accident vehicles of Volkswagen AG with safety systems" (article number 001.2200.50.00) and "Instructions on the rescue of accident vehicles of Volkswagen AG with alternative drives" (article number 000.2200.56.00).