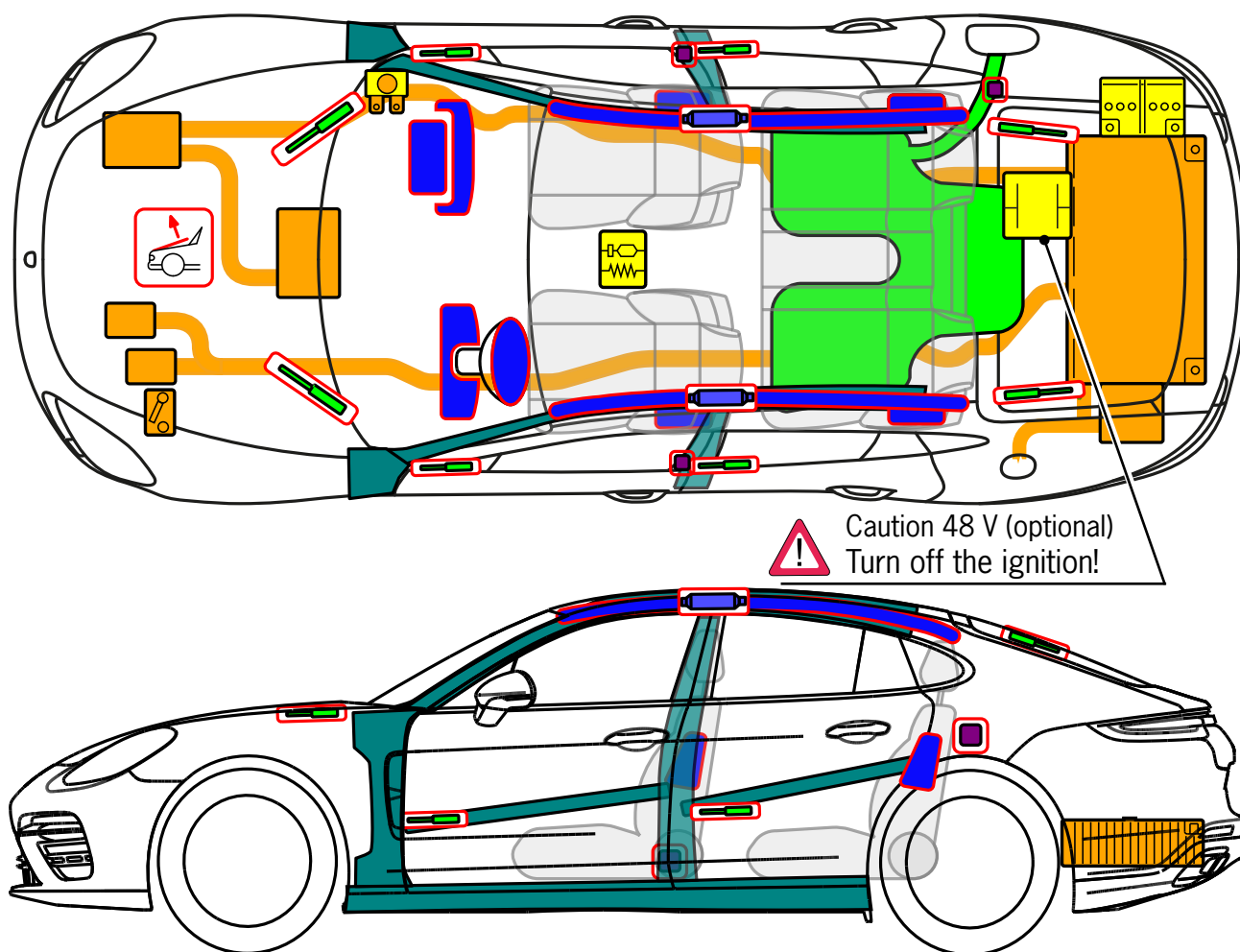




Porsche AG, Panamera (971) S/Turbo S E-Hybrid Saloon

PORSCHE from Model Year 2016



Airbag



Body reinforcement



Control unit



High-voltage battery



Gas generator



Fuel tank



12-volt battery



High-voltage cable/component



Seat belt pretensioner



Gas strut



Fuse box



High-voltage cut-off



Pedestrian protection system



Condenser

Vehicle identification and marking

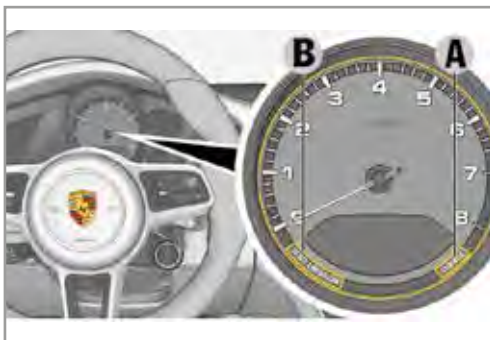
Panamera S E-Hybrid identification features – standard equipment



'e-hybrid' logo on the **engine cover**



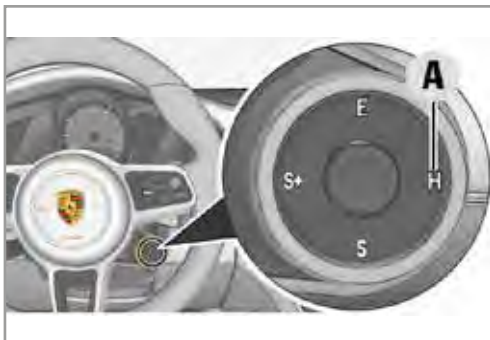
'e-hybrid' logo on the **right- and left-hand doors**



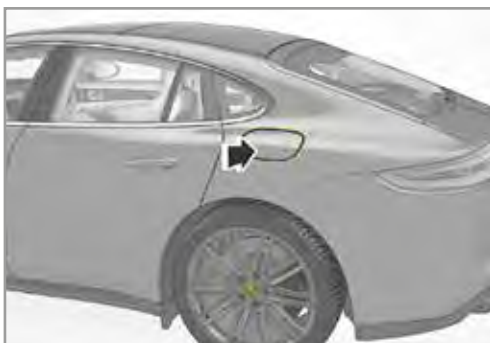
On the **instrument cluster**

B = 'ZERO EMISSION'

A = 'CHARGE'

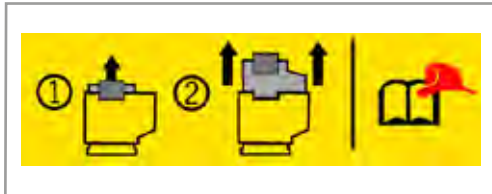


A = 'H' labelling on the knob



Vehicle charging connection behind the charging-socket lid
on rear left side of the vehicle

Marking of the hybrid components



All high-voltage components and high-voltage disconnection points are clearly marked with warning/information stickers.

All high-voltage cables have orange insulation.

Safety information about the hybrid system

Undamaged plugs, connectors, cables and sockets in the on-board high-voltage system are safe to touch.

⚠ DANGER Risk of serious or fatal injury from electric shock if handled incorrectly!

If high-voltage components are not handled correctly, there is a risk of fatal injury.

- Do not touch high-voltage components that are in operation.
- Do not damage the orange high-voltage cables in the on-board high-voltage system.
- There may still be voltage in the high-voltage battery even after the on-board high-voltage system has been switched off. The high-voltage battery must not be damaged or opened.

Switching off the passive safety system and high-voltage system

⚠ WARNING The electric motor is silent when stationary!

You cannot always tell from the operating noise whether the car is ready to start because the electric motor is silent when stationary.

- The vehicle may be ready to start even when no engine noises can be heard.
- If the ignition is switched on, the combustion engine may start automatically depending on the level of charge of the high-voltage battery.

NOTE Deactivating the HV system

The high-voltage system switches off automatically in accidents where the airbags or seat belt pre-tensioners are activated.

To make sure that the **high-voltage system** is deactivated, it is recommended – depending on accessibility – to use the **primary or secondary emergency disconnection point as the deactivation method:**

1. Primary emergency disconnection point: Switch ignition to 'OFF' and unplug the 12-volt service plug (marked with a flag) on the front left side in the engine compartment.
2. Secondary emergency disconnection point: Switch ignition to 'OFF' and pull out fuse number 4 (marked with a flag) in the front right fuse box located in the front passenger footwell.

Other deactivation methods as described in the manual may only be performed by appropriately qualified personnel.

NOTE Deactivating the passive safety systems

To make sure that the **passive safety systems** (airbags and seat belt pre-tensioners) are deactivated,

1. the 12-volt battery in the luggage compartment should be disconnected. The waiting time after disconnection of the 12-volt battery is 1 minute.
2. the high-voltage system should be deactivated via the primary or secondary emergency disconnection point to ensure there is no voltage in the on-board 12-volt battery.

Deactivating the high-voltage system

Switching off the ignition

The method of switching off the high-voltage system described below applies to both vehicles with a conventional key and those with Porsche Entry & Drive (keyless entry system). In both cases, the ignition must be turned to 'OFF' first.



1. Turn the ignition to 'OFF' (0 position).

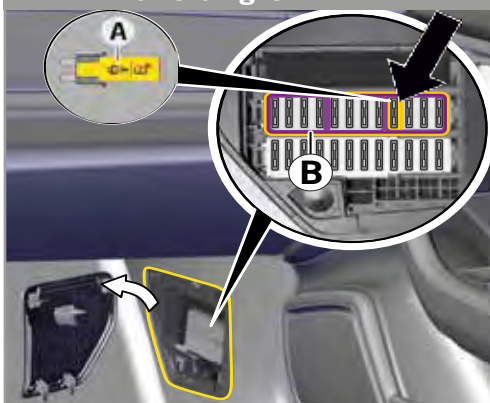
Primary emergency disconnection point: unplugging the 12-volt service plug in the engine compartment at the front left



1. Remove the cover.
2. Unplug the 12-volt service plug.
3. Unlock -A- and unplug -a- the service plug (marked with a flag -B-).

- There is no voltage in the high-voltage system approx. 20 seconds after it has been switched off.
- The passive safety systems, such as airbags and seat belt pre-tensioners, are still supplied with voltage from the on-board 12-volt battery.

Secondary emergency disconnection point: removing the fuse from the fuse box of the front passenger footwell on the right

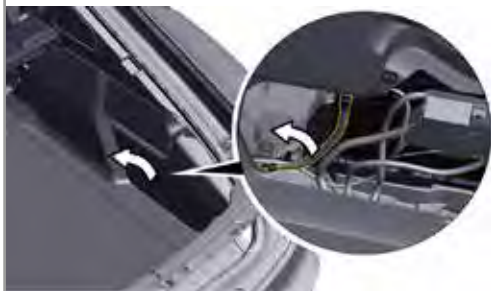


1. Open the lid of the fuse box in the front passenger footwell on the right.
2. Remove the retaining frame (B) from the fuse block.
3. Unplug fuse number 4 (marked with a flag A).

- There is no voltage in the high-voltage system approx. 20 seconds after it has been switched off.
- The passive safety systems, such as airbags and seat belt pre-tensioners, are still supplied with voltage from the on-board 12-volt battery.

Deactivating the passive safety systems

Disconnecting the 12-volt battery



1. Ensure that no jump leads are connected to the vehicle.
2. Remove the cover of the 12-volt battery on the rear right-hand side of the luggage compartment.
3. Disconnect the negative cable of the 12-volt battery and secure it to prevent accidental contact.

- There is no voltage in the high-voltage system approx. 20 seconds after it has been switched off.
- The passive safety systems (airbags and seat belt pre-tensioners) are deactivated.
The waiting time after disconnection of the 12-volt battery is 1 minute.

Other accident situations

Vehicle in water

There is no risk that the car body will be live. Once the vehicle has been recovered:

1. Allow the water to run out of the interior.
2. Begin switching off the high-voltage system.

Vehicle/battery fire

Suitable extinguishing agent:

water (H₂O), larger quantities to cool the lithium ion battery

Battery fire

Suitable extinguishing agents for a battery fire:

dry sand, carbon dioxide (CO₂)

⚠ WARNING Battery cells explode when hot!

Battery modules might explode if the high-voltage battery becomes too hot.

- Keep to the required safety distances when fighting the fire.