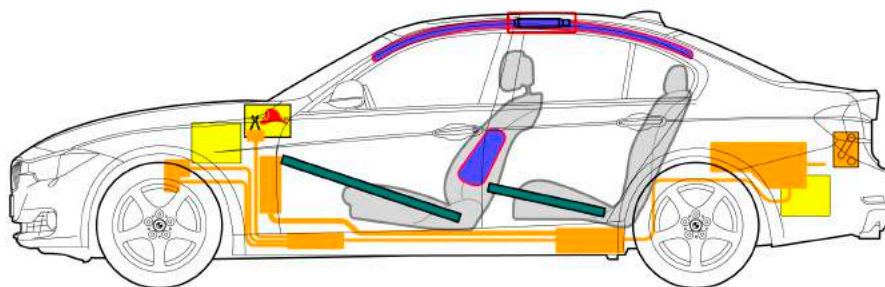
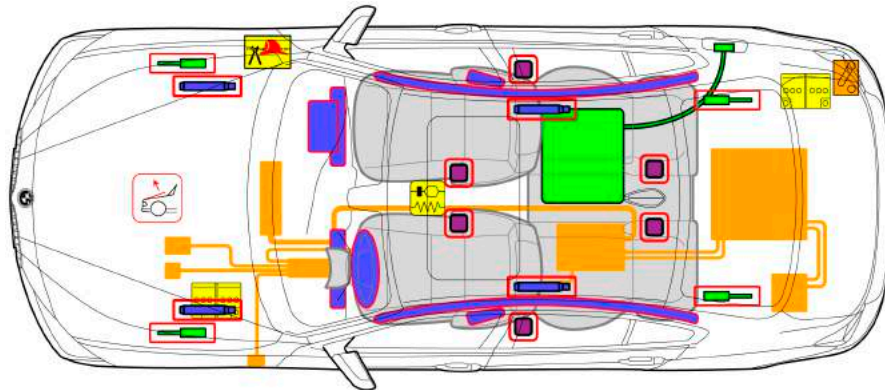




# BMW 3 Series F30 PHEV

Saloon  
(from 12/2015)



### Legend

	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		Pedestrian protection active system
	Automatic rollover protection system		Gas strut / Preloaded spring		High strength zone		Zone requiring special attention		High voltage disconnect (cutting solution)
	Battery low voltage		Ultra capacitor, low voltage		Fuel tank		Gas tank		Safety valve
	High voltage battery pack		High voltage power cable / component		High voltage disconnect		Fuse box disabling high voltage system		Ultra capacitor, high voltage

This overview shows the maximum range of equipment of the vehicle

	ID no.	Version no.	Version date	Page
	<b>WBY-F30</b>	<b>1</b>	<b>12/2015</b>	<b>01</b>

**Important: For more information see rescue manual.**

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## Identifying features and details

### DANGER

#### High voltage system.

The high voltage system carries high voltage currents. Fatal electric shock hazard!

- Do not touch the high voltage battery.
- Observe the following identifying features for high voltage vehicles.

**Charging connection on front left side panel, "eDrive" logo on door sill cover strip, 330e logo on right-hand side of tailgate. National version 1: "eDrive" logo on side panel, national version 2: Logo: "Plug-In Hybrid Electric" on left-hand side of tailgate**



## Secure the vehicle to prevent it from rolling away

Press button "P".



Apply the parking brake.



## Deactivate the drive and high voltage system (set to de-energised condition) - airbag not deployed

(Ignition and low voltage batteries accessible)

### **i** TECHNICAL INFORMATION

In case of accidents resulting in airbag deployment, the high voltage system is automatically deactivated (de-energised).

### **i** TECHNICAL INFORMATION

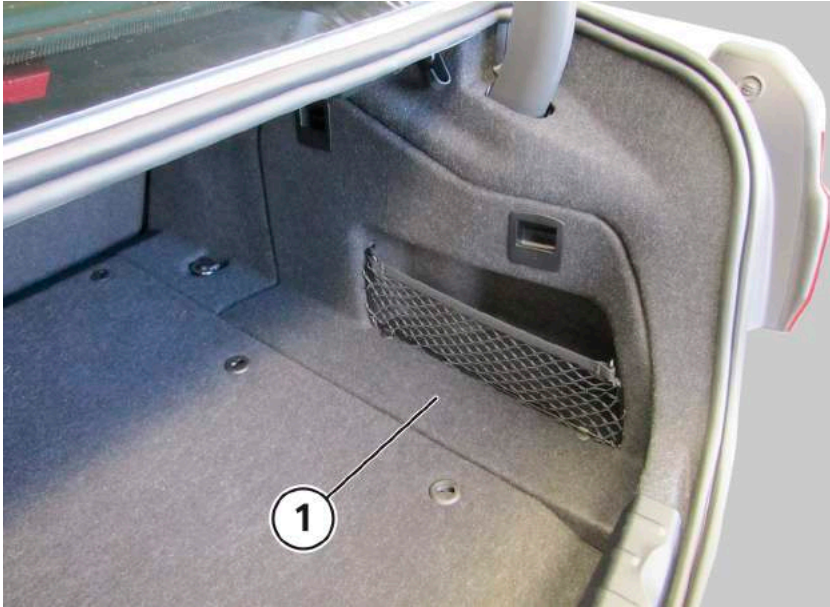
The negative terminals of the low voltage batteries and the high voltage disconnect must be disconnected in all cases.

If the engine is running or displays are active in the instrument cluster, press the "START STOP" button to switch off the ignition.



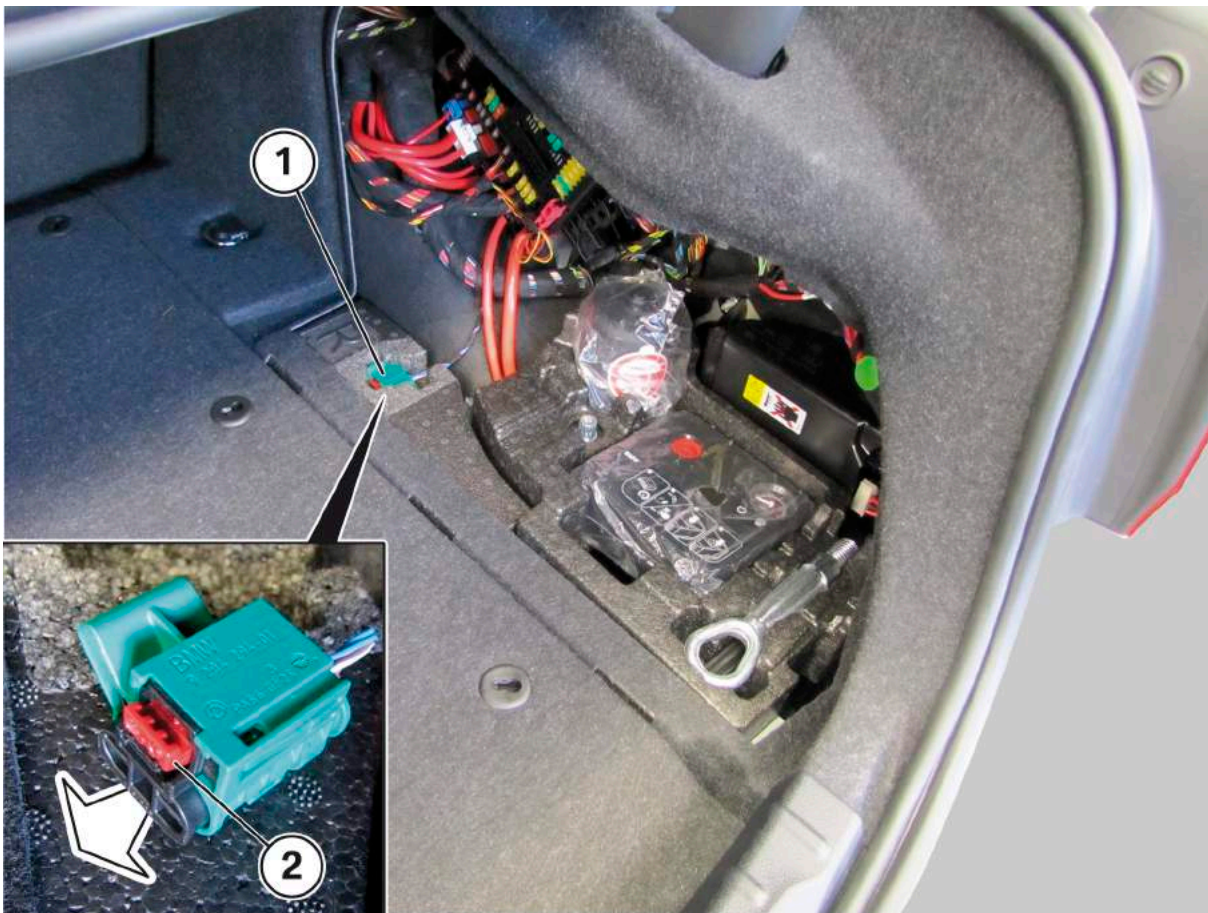
## Deactivate the high voltage system - at the rear of the vehicle

Open tailgate and remove service flap (1) on right-hand side.



Take plug for high voltage disconnect (1) out of the holder.

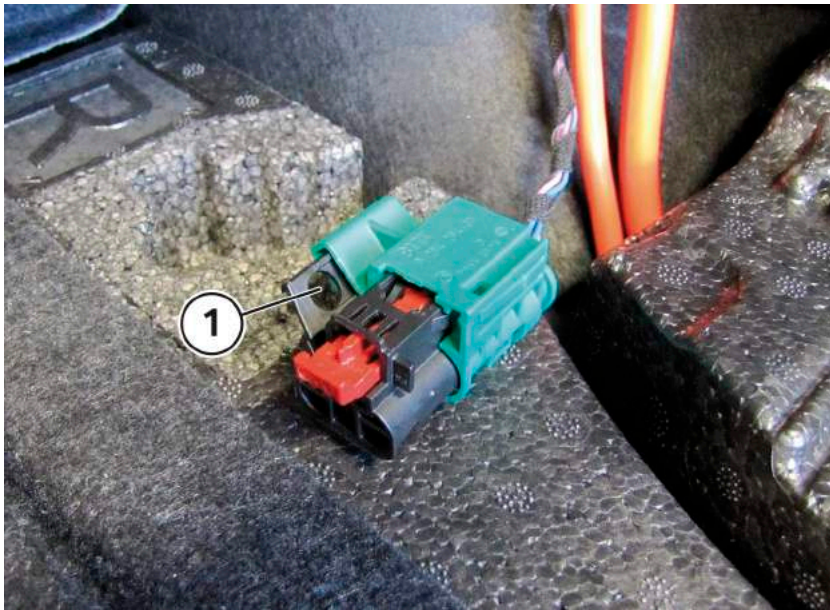
Press plug disconnect fuse (2) downwards and pull it out. Pull plug for high voltage disconnect (1) apart in the direction indicated by the arrow.



The high voltage system is deactivated when hole (1) is clear all the way through.

To prevent inadvertent activation of the high voltage system, a padlock can be installed through open hole (1), for example!

**NOTE:** The plug connection cannot be completely separated.

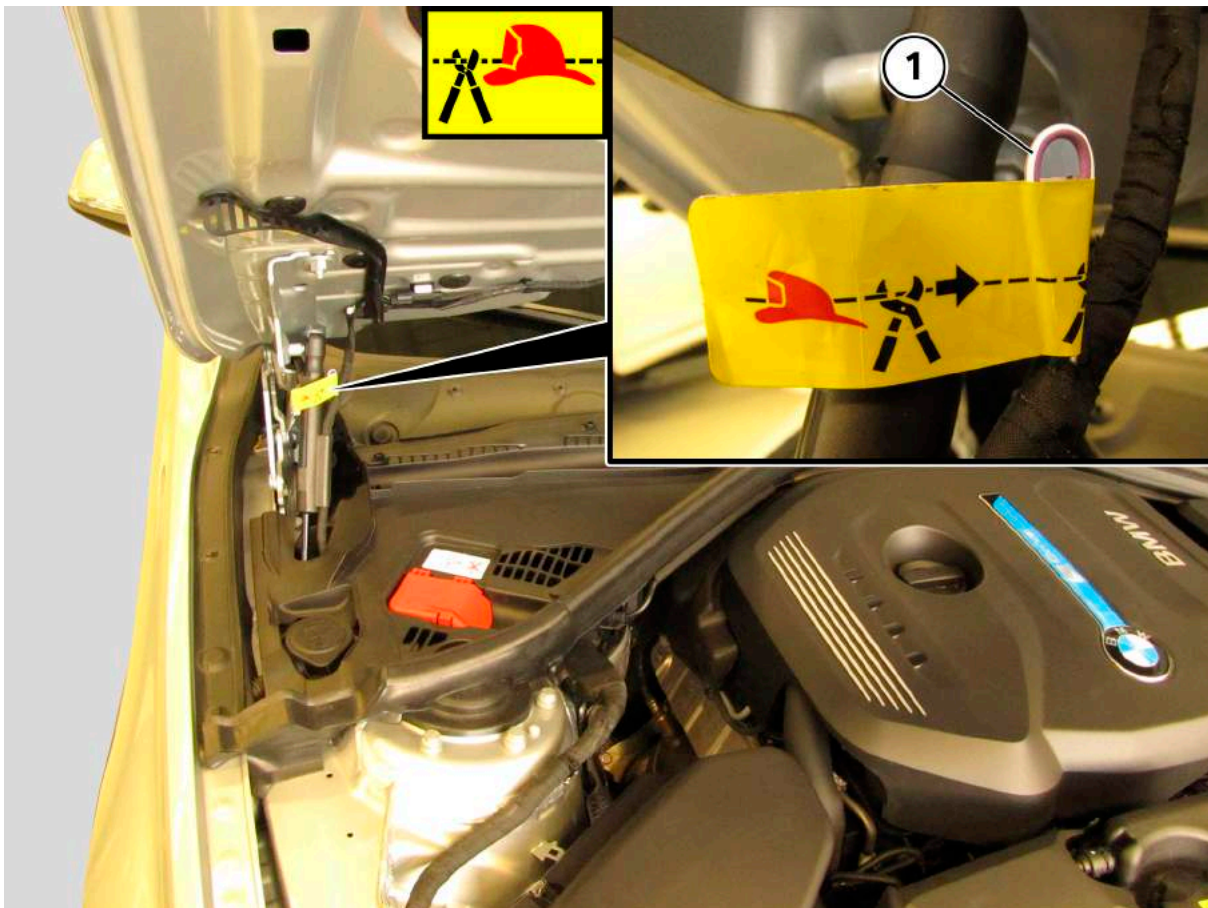


## Deactivate the high voltage system - at the front of the vehicle

If the high voltage disconnect in the rear is not accessible, deactivate the high voltage system using the second high voltage disconnect (cutting solution) at the front.

Open the bonnet.

Cut through cable (1) for the high voltage disconnect (cutting solution). The high voltage system is deactivated.

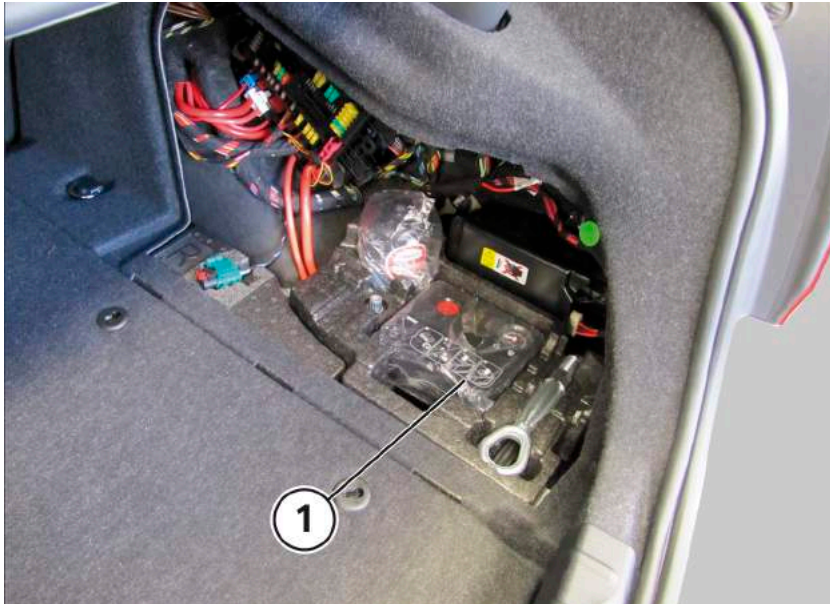


## Disconnect negative terminals of the low voltage batteries

There is one low voltage battery at the front and another at the rear of the vehicle.

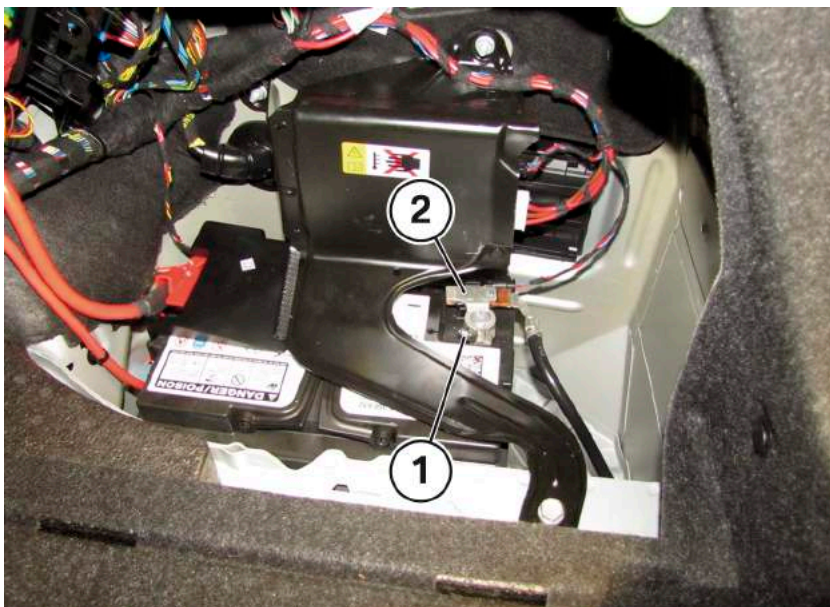
Disconnect the low voltage battery at the rear:

Boot, right hand side: Remove insert (1).



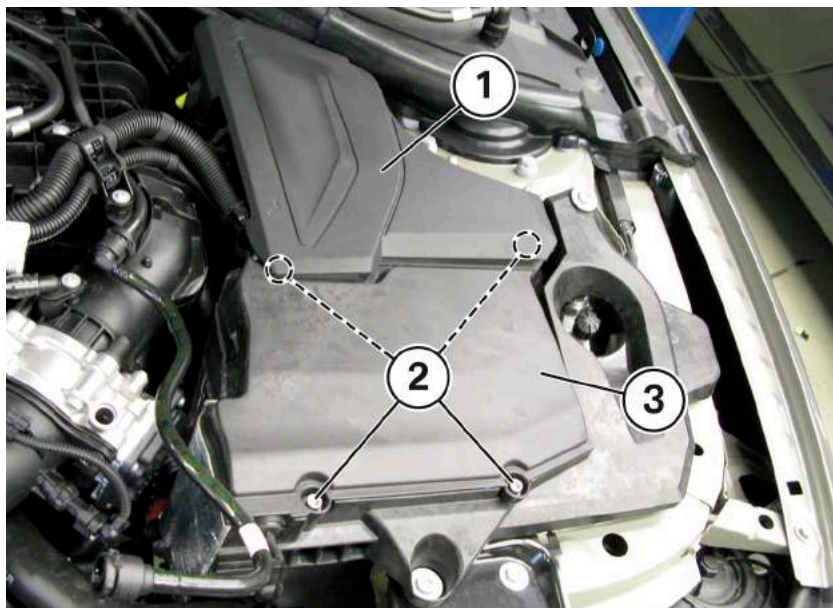
Loosen nut (1) and pull off battery negative cable (2) upwards.

Cover the battery negative terminal to avoid contact with the battery negative cable.

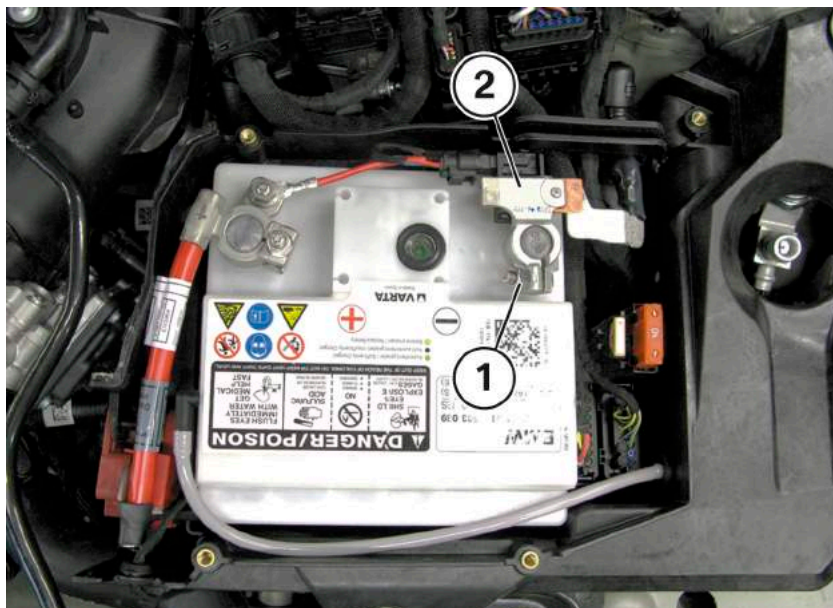


Disconnect the low voltage battery at the front:

Open the bonnet. Remove cover (1) on the left-hand side of the car. Undo screws (2) and remove battery cover (3).



Loosen nut (1) and pull off battery negative cable (2) upwards. Cover the battery negative terminal to avoid contact with the battery negative cable.





## Labelling of the high voltage components

The high voltage battery pack is located under the luggage compartment trim panel.

Labelling of the high voltage battery pack:



Labelling of the remaining high voltage components:



Identification of high voltage cables (1) (insulation / orange sheath):

