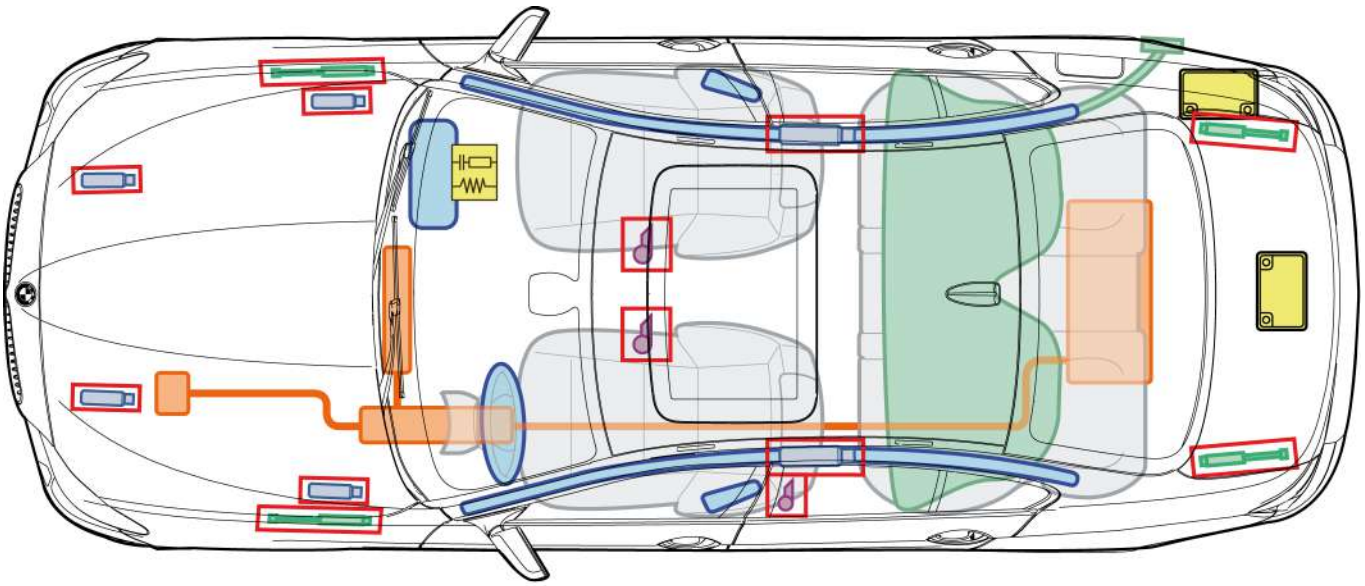
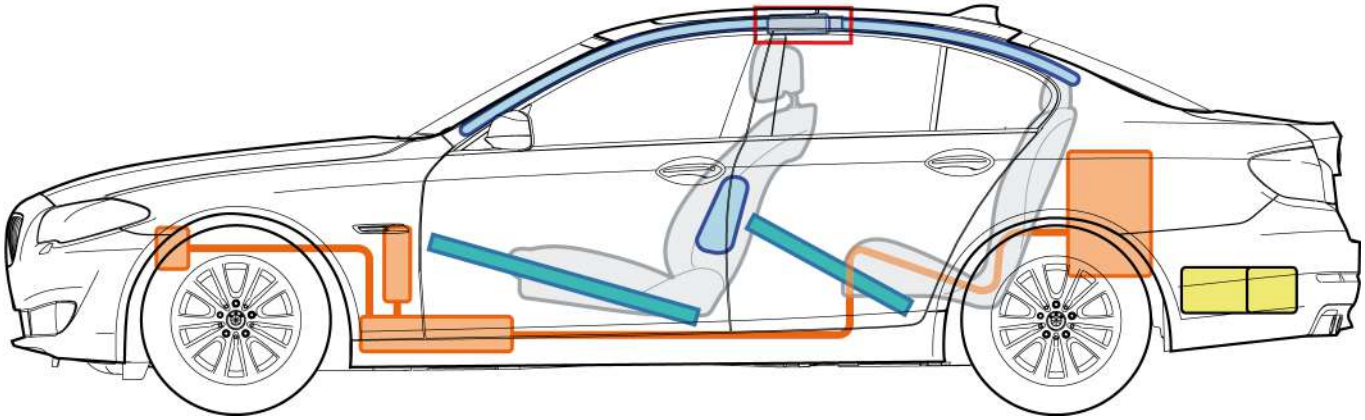
5 Series
ActiveHybrid 5 F10

(since 12/2011)





Legend

Airbag	Body reinforcement	Airbag control unit
Gas generator	Gas-filled shock absorber	12 V battery
Belt tensioner	Fuel tank	High-voltage components

This overview shows the maximum possible vehicle equipment.

(C) 2011 BMW AG Munich, Germany
Issue 11/2012

	Danger to life! Do not touch high-voltage components! **Special features:** High-voltage system with direct current voltage up to 385 volts! Identifying features and details below.

.

Identifying features:

"ActiveHybrid" lettering on tailgate, side panel and door sill cover strip.

.

Secure vehicle to prevent it rolling.

Press "P" button.

(C) 2011 BMW AG Munich, Germany

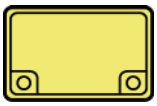
Pull the switch for the electrical Automatic Hold brake up.

.

	Airbag activated The high-voltage system is automatically deactivated (de-energised) if an accident is experienced that triggers the airbags.

.

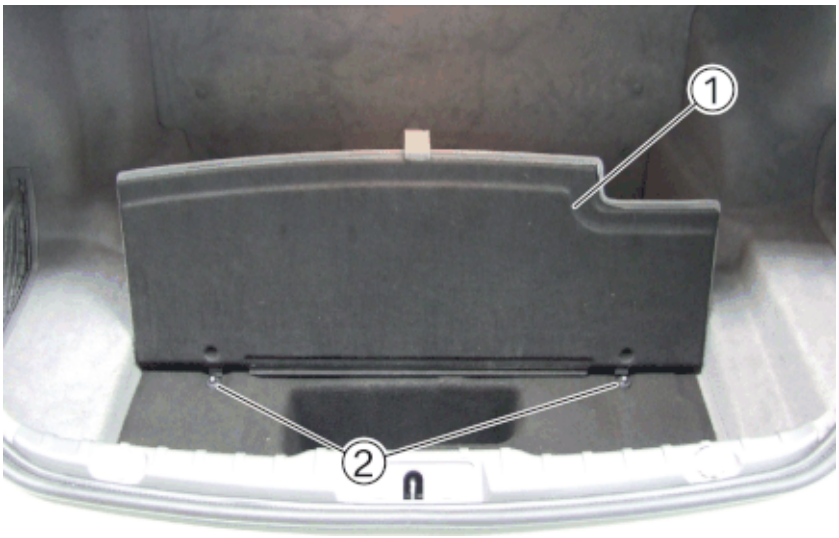
Deactivate the electric motor and high-voltage system (switch to de-energised) Variant 1 - Airbag not activated.

	**Remarks:** **The negative terminals of the 12 V batteries must always be disconnected.** Disconnecting the negative terminals of all 12 V batteries will automatically deactivate the high-voltage system.

(Ignition and 12 V batteries are accessible)

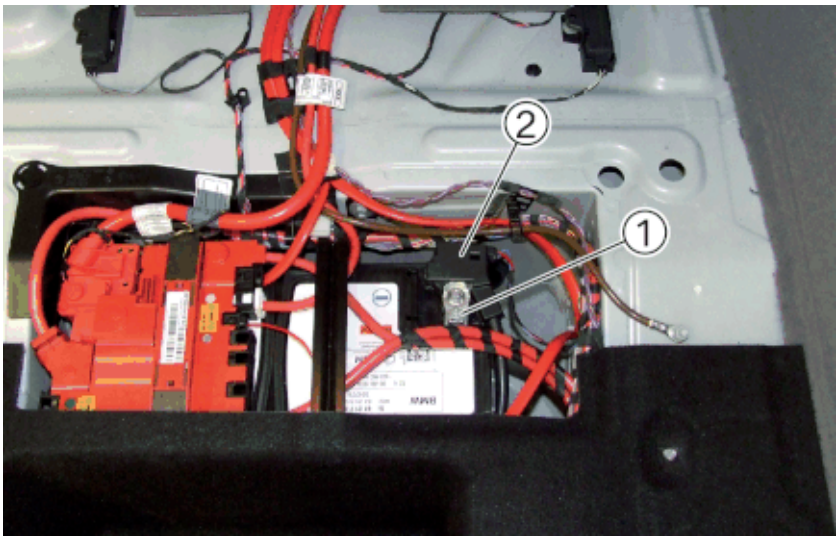
1. Press the engine start/stop button while the engine is running. The engine will shut off.

.



2. Open the tailgate and fold the luggage compartment floor trim panel (1) up.
Loosen plastic nuts (2) and remove luggage compartment floor trim panel (1).

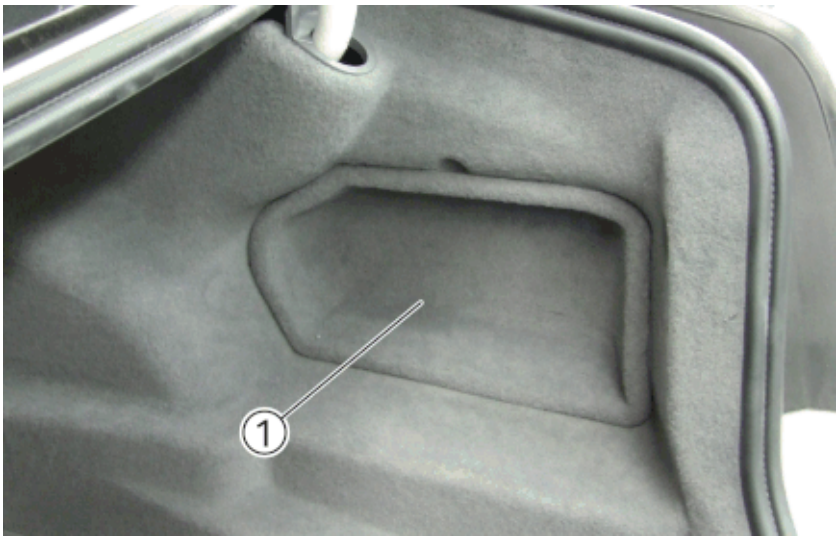
(C) 2011 BMW AG Munich, Germany



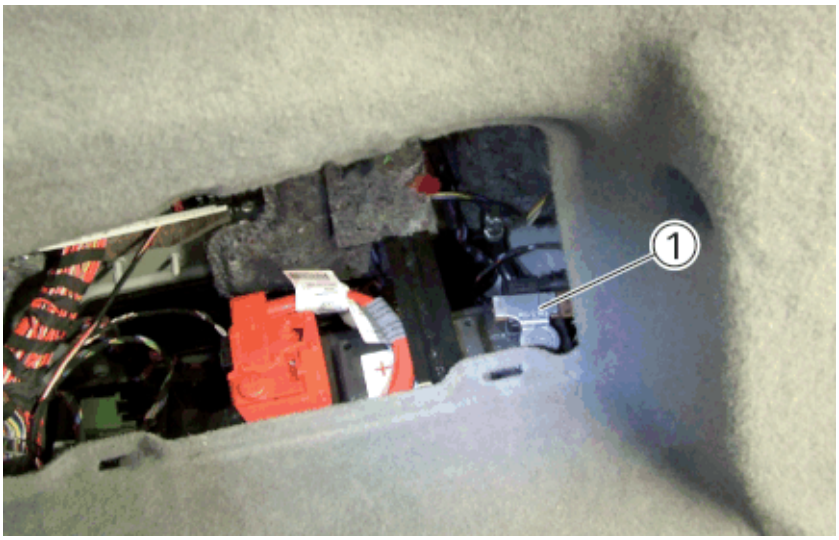
3. Loosen the nut (1) and pull the battery earth lead (2) off toward the top.
Cover the battery earth lead to prevent contact with the battery terminal.

.

Disconnect 12 V auxiliary battery.



Remove service flap (1) from luggage compartment trim panel on the right.



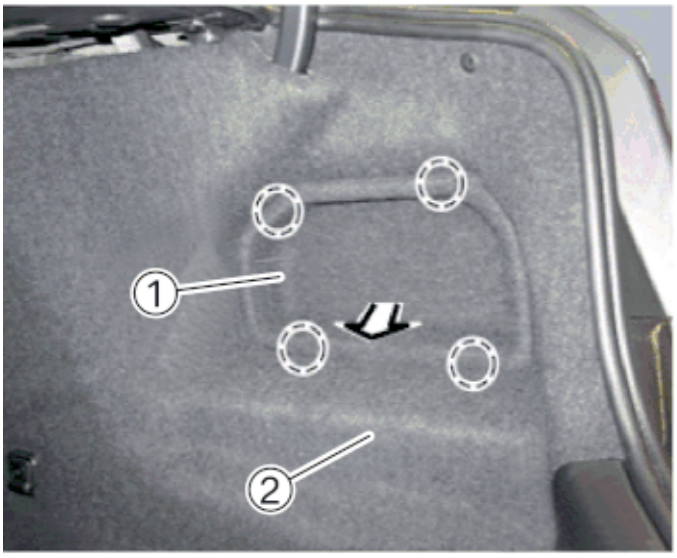
Loosen the nut and pull the battery earth lead (1) off toward the top.
Cover the battery earth lead to prevent contact with the battery terminal.

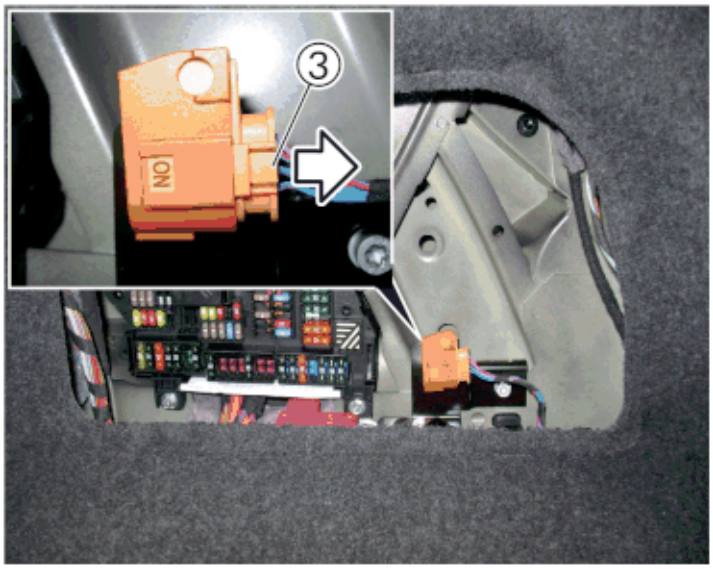
.

.

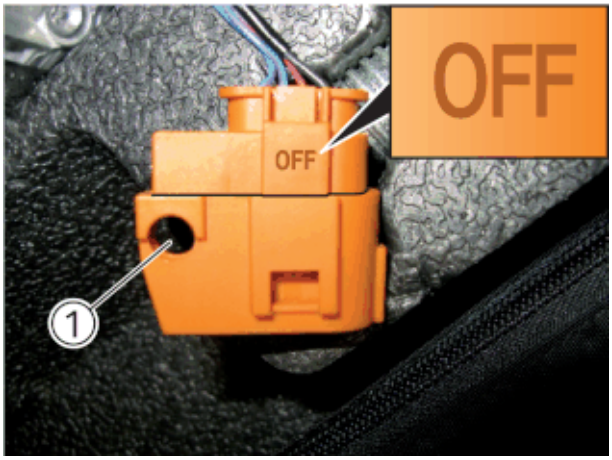
Deactivate the high-voltage system (switch to de-energised) Variant 2

(C) 2011 BMW AG Munich, Germany





1. Open luggage compartment.
2. Remove service flap (1) from luggage compartment trim panel on the right (2).
3. Unlock the high-voltage safety connector (3) and pull apart in the direction of arrow.



The high-voltage system is deactivated when bore hole (1) is completely free and the word "OFF" can be seen on the connector.

For example, you can install a padlock through the open bore hole (1) to prevent unintended activation of the high-voltage system!

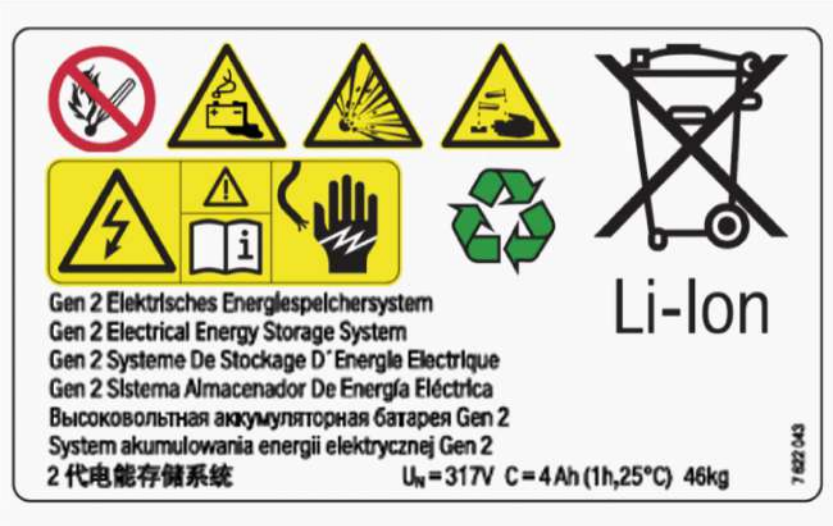
NOTE: The plug connection cannot be fully disconnected.

.

The high-voltage battery is located underneath the luggage compartment trim panel.

Identification of high-voltage battery:

(C) 2011 BMW AG Munich, Germany



.

Identification feature for other high-voltage components:

.

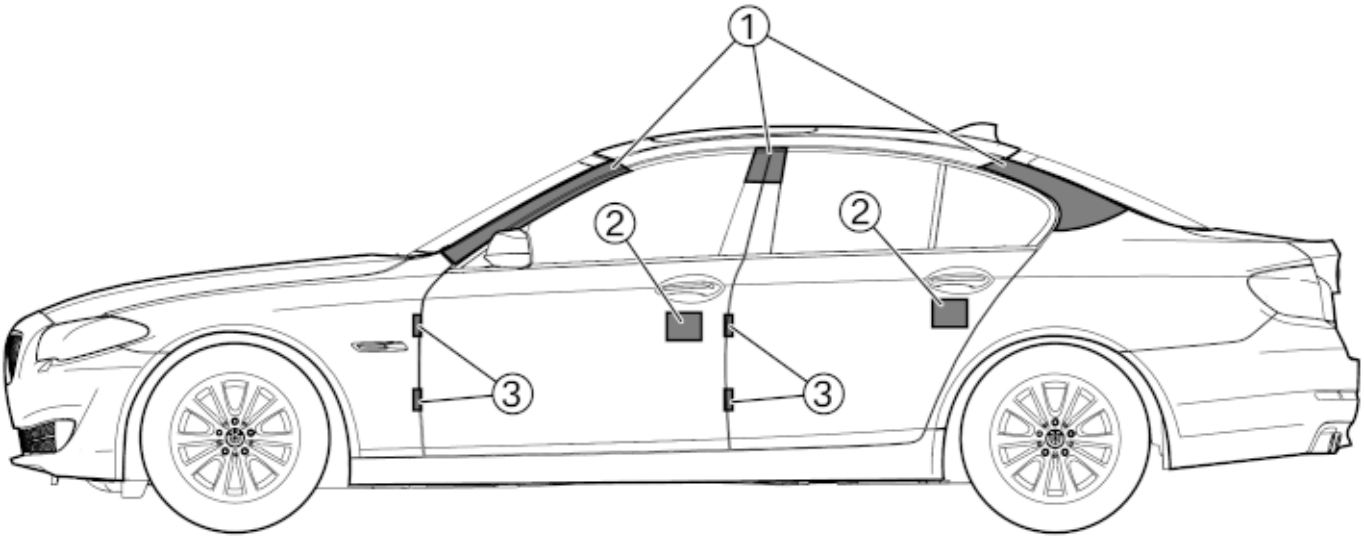
.Identification of the high-voltage cable (1) (insulation / orange coating).

.

Opening the vehicle

These notes apply exclusively to trained emergency service personnel. Knowledge of the function and operating principle of the safety systems and vehicle characteristics is also needed.

(C) 2011 BMW AG Munich, Germany



1. The areas mark the zones at which the roof can be cut off.

   Modern heavy duty cutting equipment is mandatory for cutting the body; older hydraulic cutting tools could be overloaded.

   The heavy duty cutting equipment must be properly used by trained and qualified personnel.
2. Door locks
3. Door hinges

Important information

The information for the rescue personnel needs to be adhered to, see rescue manual.

(C) 2011 BMW AG Munich, Germany