

**SB-10045300-1295**

SI B61 23 12  
General Electrical Systems

July 2012  
Technical Service

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**SUBJECT**

**High-voltage Battery Discharges while Driving**

**MODEL**

F04 (ActiveHybrid 7)

**SITUATION**

The high-voltage battery discharges while driving at a constant speed and/or when cruise control is operating at a speed of approximately 40 miles per hour.

If the fault condition persists long enough, the following fault code memory entries are recorded and the high-voltage system is switched off if the minimum charge threshold is not reached:

DME: 213901 "Consumer reduction: active"

EME: 21EFAE "EME: HV switch-off due to discharge protection function"

**CAUSE**

Non-BMW approved or incorrectly sized wheels and tires are installed on the vehicle.

**PROCEDURE**

Refer to KSD to verify the correct wheels and tires are installed on the vehicle. Install only BMW approved wheels and tires on vehicles that are found to have incorrect wheels and tires installed.

**WARRANTY INFORMATION**

Not applicable.

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