

SB-10059002-8798



SI B12 19 15  
Engine Electrical Systems

June 2015  
Technical Service

**SUBJECT****Service Action: Replace EME B+ Cable****MODEL**

F10 H (ActiveHybrid 5)

F02 H (ActiveHybrid 7)

**SITUATION**

The Electric Machine Electronics (EME) has a connection for the B+ cable which leads to the 12V battery. This B+ cable transfers energy from the DC/DC converter to the 12V network. This cable may corrode over time and, in extreme cases, could break. In the event of a cable break, output from the DC/DC converter would be interrupted. This interruption would cause the 12V battery to discharge. Subsequently the customer would be notified via a check control message that the 12V battery is discharging, and the vehicle may not restart after being switched off.

**AFFECTED VEHICLES**

This Service Action involves ActiveHybrid 5 vehicles produced from 8/3/11 to 1/28/13, and ActiveHybrid 7 vehicles produced from 8/21/12 to 1/8/13.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

**SPECIAL TOOLS NEEDED**

Part Number	Description	Quantity
83 30 2 339 646	Crimping pliers	1 for each center
83 30 2 339 647	Matrix CS 40	1 for each center
83 30 2 337 974	Cable shears	1 for each center

These tools have been automatically shipped to each center.

**PROCEDURE**

Replace the EME B+ cable per REP 61 11 ... Fit the repair cable terminal on the EME (electromachine electronics) with a repair cable.

A copy of the above-mentioned REP is attached as SIB121915\_Attachment.pdf.

**PARTS INFORMATION**

Part Number	Description	Quantity
12 42 8 646 412	Repair Kit – EME B+ cable	1

**WARRANTY INFORMATION**

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>00 12 73 03 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

00 62 678	Refer to KSD2	Retrofit the repair cable for the battery positive cable (Plus work)
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Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

**ADDITIONAL INFORMATION**

Perform the procedure outlined in this Service Information on all affected vehicles before customer delivery or the next time they are in the shop for maintenance or repairs.

**ATTACHMENTS**

View PDF attachment [B121915 Attachment](#).

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