



GROUP  
ELE

MODEL  
2016-2017MY  
Soul (PS EV)

NUMBER  
203

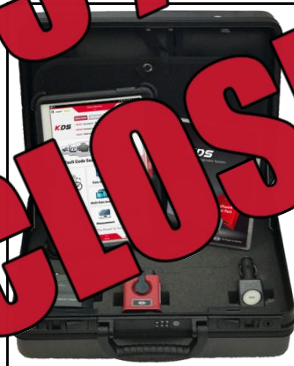
DATE  
July 2020

## TECHNICAL SERVICE BULLETIN

**SUBJECT: SERVICE ACTION: BMS/FATC OPERATION LOGIC IMPROVEMENT WHILE BATTERY CHARGING (SA427)**

This bulletin provides the procedure to upgrade the Battery Management System (BMS) and Full Auto Temperature Control (FATC) software on some 2016-2017MY Soul (PS EV) vehicles, produced from May 21, 2015 through August 29, 2017, in order to improve conditioning operation while the battery is charging. To correct this concern, apply the improved logic to the following two (2) systems: BMS and FATC using the KDS (U) as described in this bulletin. For confirmation that the latest reference number for a vehicle you are working on, verify the ROM ID using the table on page 3 of this bulletin. Before conducting the procedure, verify the vehicle is included in the list of affected vehicles.

**ELE203 / SA427  
CLOSED**



Kia Diagnostic System (KDS)

### \* NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

This issue number is SA427.

Printed TSB copy is for reference only; information may be updated at any time.  
Always refer to KGIS for the latest information.

Circulate To:  General Manager  Service Manager  Parts Manager  
 Service Advisors  Technicians  Body Shop Manager  Fleet Repair

SUBJECT:

**SERVICE ACTION: BMS/FATC OPERATION LOGIC  
IMPROVEMENT WHILE BATTERY CHARGING (SA427)**

## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Soul (PS EV)	May 21, 2015 to August 29, 2017

## WARRANTY INFORMATION:

**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	37513 E4050	0	(SA427) BMS and FATC Logic Improvement	200042R0	0.3 M/H	N/A	0

**\* NOTICE**

**VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA427 when accessing the WebDCS system.**