



SIM 61 08 20

2020-12-14

## SERVICE ACTION: REPLACING THE CELL MODULE OF HIGH-VOLTAGE BATTERY

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

### MODEL

E-Series	Model Description	Production Date	Affected Engine
F56 BEV	MINI Cooper SE	November 11, 2019 – June 18, 2020	IB1

### AFFECTED VEHICLES

Vehicles which requires this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System), Key Reader or Warranty Vehicle Inquiry.

### SITUATION

During the service life of the vehicle, the high-voltage battery may unexpectedly not provide power to the vehicle.

### CAUSE

The high-voltage battery cells may not have been produced according to specifications.

### CORRECTION

Carry out a vehicle test and replace the affected cell module of high-voltage battery.

### PROCEDURE

Connect the vehicle to ISTA and carry out a vehicle test.

1. If a cell module is affected, ISTA sets the fault S0795.
2. Perform the associated test module in the test plan to determine the affected cell modules to be replaced.
3. If cell modules are prompted for replacement, replace the corresponding cell modules. Follow the proper repair instructions for the specific vehicle; see **REP 61 27 726** or **REP 61 27 728** or **REP 61 27 730** or **REP 61 27 738** or **REP 61 27 740**.

**Note: The diagnosis of the cell modules is only available with the ISTA version 4.26.37x or newer.**

**No vehicle should require all 7 cells (5 dual/2 single) replaced as part of this action.**

### PARTS INFORMATION

Only use and invoice the part numbers below that apply.

Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part numbers may result with the wrong part numbers being invoiced and installed, this could delay the payment of claim.

Part Number:	Description:	Quantity:
61 27 9494168	Dual-cell module for high-voltage battery	max. 5
61 27 9494172	Cell module of high-voltage battery (93.2 Ah)	max. 2
61 27 8741655	Upper section of housing	1
61 25 9884172	Screw	10
41 12 8223082	Blind rivet nut, flat head (M6)	2
07 14 6954965	External Torx with lock washer (M12x1.5x39)	18
07 11 9904956	Hexagon screw (M10x35-10.9-ZNS)	4
61 27 7625086	High-voltage battery warning sticker	1
83 19 2289286	Window glass adhesive, cold, 1 hour (300 ml)	1
83 19 2468443	MINI HT-12 Antifreeze Coolant (1 gal concentrate)	Sublet as needed

Additionally, other small parts such as screws, nuts and seals, which are to be replaced according to the repair instructions/ETK, are to be taken from the Electronic Parts Catalogue for the vehicle type and invoiced under the special defect code.

### Service Action Part Retention

**Service Action parts that are removed from MINI vehicles cannot be used for resale! The replaced parts are the property of MINI USA.**

You are responsible for the proper identification, storage and documentation of these parts. They must be held in a secure retention area until notification of claim payment is made by MINI USA through DCSnet.

**The high-voltage (HV) battery module return process that is specific to this Service Action is still being finalized, in the short-term and as required by local ordinances, please retain the HV battery modules removed from customers vehicles until the special return process becomes available.**

Please DO NOT return these HV battery modules directly to the WPRC or through the Kinsbursky Brothers, Inc HV Battery return process.

### WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below and the part numbers listed above that apply:

<b>Defect Code:</b>	<b>0061680500</b>	<b>F56 Replace BEVE high-voltage battery cell module</b>
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**Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 999	Checking the vehicle and removing and installing the high-voltage battery including removal and attachment of lid	66 FRU
And:	00 70 500	<b>7-Module Configuration (5 Duel/2 single):</b> Job/repair work time (WT) for <b>replacing one or more modules</b> in addition to 00 69 999 (Includes HV battery unit final test after HV battery module repair)	<b>WT: 4, 7, 8 or 9 FRU</b> First module, up to maximum of <b>50 FRU (See below)</b>

Or:

**The vehicle arrives at your dealer and this Service Action shows open (No other main work will be performed or claimed during this workshop visit)**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 2	00 69 434	Checking the vehicle and removing and installing the high-voltage battery including removal and attachment of lid	68 FRU
And:	00 70 500	<b>7-Module Configuration (5 Duel/2 single):</b> Job/repair work time (WT) for <b>replacing one or more modules</b> in addition to 00 69 434 (Includes HV battery unit final test after HV battery module repair)	<b>WT: 4, 7, 8 or 9 FRU</b> First module, up to maximum of <b>50 FRU (See below)</b>

Only one Main work flat rate labor operation code can be claimed per workshop visit.

**00 70 500 – Job/repair work time for replacing one or more modules (with 00 69 999 or 00 69 434):**

Cell Module Number	Description (Associated, Duel or Single)	Labor Allowance
Replacing Duel Cell Module 1	<b>Grouped Rear</b> Cell module 1 and 2	8 FRU; and/or
Replacing Duel Cell Module 2	<b>Grouped Rear</b> Cell module 3 and 4	9 FRU; and/or
Replacing Duel Cell Module 3	<b>Middle Front Duel</b> Cell module 5 and 6	4 FRU; and/or
Replacing Single Cell Module 4	<b>Middle Front Single</b> Cell module 7	7 FRU; and/or
Replacing Single Cell Module 5	<b>Middle Rear Single</b> Cell module 8	7 FRU; and/or
Replacing Duel Cell Module 6	<b>Grouped Rear</b> Cell model 9 and 10	9 FRU; and/or
Replacing Duel Cell Module 7	<b>Grouped Rear</b> Cell module 11 and 12	8 FRU,

And:

Additional work	Description (Associated)	Labor Allowance
With the FRUs above that apply	<b>Pressure test cooling system</b>	4 FRU

**Note:** Only claim work time labor operation 00 70 500 one-time for the applicable total FRU allowance that applies

**Claim Repair Comments**

Only reference the SIB number, the work package (Pkg) number performed, WP #2 or # 4, and the cell modules that were replaced in the RO technician notes and in the claim comments (For example: M61 08 20 WP 2, Duel Cell Module 1 and Single Cell Module 4 replaced), unless otherwise required by State law.

As applicable to your dealer, please refer to **SI M01 01 20** or **M01 04 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures.

And, if applicable:

**Sublet – Bulk Materials (RO and Claim Comments Required)**

<b>Sublet Code 4</b>	Up to \$35.00	Reimbursement for the repair-related bulk materials (Do not use the MINI part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (MINI part numbers) is at the dealer net price amount for the quantities used plus your dealer's handling.

MINI Antifreeze/Coolant: Claim the corresponding sublet dollar amount for the quantity needed to replace what was drained with a 50/50 coolant/water solution.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

And, as applicable:

**Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)**

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI M01 01 17 for additional information.

**QUESTIONS REGARDING THIS BULLETIN**

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department