



SIM 61 01 21

2021-03-23

MINI COOPER SE: CLICKING NOISE IN VEHICLE INTERIOR DURING CHARGING

MODEL

E-Series	Model Description	Production Date
F56	MINI Cooper SE	December 3rd, 2018 to February 26th, 2021

Only F56 BEV (battery electric vehicles: MINI Cooper SE 2 Door Hardtop) are affected

SITUATION

Clicking noise from the interior passenger side footwell when the vehicle is being charged, with the air conditioning running at the same time.

CAUSE

Software in the Body Domain Controller (BDC).

PROCEDURE

1. Verify the customer's concern (See attached video V61 01 21).
2. Determine the vehicle's current I-level by either using AIR or the ISPA NEXT application.
3. Is the vehicle current integration level up to F056-21-03-430 or higher?

YES: Do not program the vehicle. Perform diagnosis with ISTA.

NO: Proceed to Step 4

4. Program the vehicle using ISTA 4.28.1x or higher (released March 3, 2021).

Model	Target integration level
F56	F056-21-03-430 or higher

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a MINI-approved battery charger/power supply ([SI M04 08 09](#)).

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

WARRANTY INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher.

Please be sure to also perform any additional work (before and/or after) as required by the open campaign(s) on the vehicle. Close any other remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, the MINI software solution is then:

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT/MINI Certified Pre-Owned Limited Warranty as described below.

Defect Code:	6138270200	BDC Body Domain Controller Software error / internal device fault
:		
Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

As applicable to your center, 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, unless otherwise required by State law

Vehicle Programming and Encoding (RO and Claim Comments Required):

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis).

Other Repairs:

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If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis with separate punch times).

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

Videos

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