



SIM 61 02 19

2019-07-31

SERVICE ACTION: F60 PHEV WIRING HARNESS EME

This Service Information bulletin (Revision 1) replaces SI M61 02 19 **dated June 2019****What's new:**

- Status change to Service Action
- Entire content
- Attachments added

MODEL

F60 PHEV (MINI Cooper S E Countryman ALL4)

SITUATION

A Delivery Stop/Service Action was issued (effective June 6, 2019) on certain Model Year 2018-2019 MINI Cooper S E Countryman ALL4 vehicles that were produced from November 24, 2017 through September 26, 2018.

The wiring harness for the electrical machine electronics (EME) connector may chafe on the power electronics or E-machine/ connector under certain circumstances.

Do not deliver to a customer, a New, Certified Pre-Owned or Used vehicle subject to a Delivery Stop, until the vehicle is repaired. Do not use or sell replacement equipment/parts subject to a Delivery Stop!

Affected vehicles show the campaign as “Open” when checked either in Warranty Vehicle Inquiry, AIR or ISPA Next and identified with the description: M610219 Delivery Stop: F60 PHEV Wiring Harness EME.

CAUSE

Under certain circumstances, the wiring harness for the EME 12 Volt connector may rub and chafe on the E-machine case (or any other component) due to improper routing/installation arrangement of the harness. The insulation of the harness may wear through, and in some cases may result in damage to the 12 Volt wiring.

CORRECTION

The correction of this issues is going to depend on the wiring harness arrangement on the particular vehicle and it is explained in the individual attachment for each case scenario.

Please follow the steps below to inspect the wiring harness to assess which scenario you have as it will determine which attachment you should follow to complete the repair.

Individual (Case1 through Case 4) scenarios.

Case 1 - Correct installation - The EME 12 Volt wiring harness must be installed in such a way that it does **not** touch the E-machine or any other component.

Case 2 - Incorrect installation:

If the wiring harness insulation is **not damaged**: Correct the wiring harness (routing) installation arrangement.

Case 3 - Incorrect installation:

If the wiring harness insulation is **slightly damaged** (strands are **not visible**)-

- Correct the wiring harness (routing) installation arrangement and repair the damaged insulation as necessary

Case 4 - Incorrect installation:

If the wiring harness insulation is **damaged** (strands are visible)-

- Correct the wiring harness (routing) installation arrangement, repair damaged wire and insulation

Risk of damage! The wiring harness (1) must not be contacting the E-machine (2) or any other component!



Note: Depending on the vehicle, follow the correct repair procedure illustrated in the

attachments (Case 1 through Case 4) of the SI M12 02 19!

PROCEDURE

Case 1 - Correct installation:

If the harness is **properly routed** and there are **no visible signs** of chafing damage-

- Follow the procedure explained in the attachment below to inspect the area and verify that no further work is required

Attachment 1 - Procedure to inspect and verify the wiring harness in CASE 1

Case 2 - Incorrect installation:

If the wiring harness is not routed properly but the insulation is **not damaged**-

- Follow the procedure explained in the attachment below to correct the wiring harness (routing) installation arrangement

Attachment 2 - Procedure to inspect and correct the wiring harness in CASE 2

Case 3 - Incorrect installation:

If the wiring harness insulation is **slightly damaged** (wire strands are **not visible**)-

- Follow the procedure explained in the attachment below to correct the wiring harness (routing) installation arrangement and repair the damaged insulation as necessary

Attachment 3 - Procedure to inspect and repair the wiring harness in CASE 3

Case 4 - Incorrect installation:

If the wiring harness insulation is **damaged** (wire strands are **visible**)-

- Follow the procedure explained in the attachment below to correct the wiring harness (routing) installation arrangement, **repair damaged wiring and insulation**

Attachment 4 - Procedure to inspect and repair the wiring harness in CASE 4

PARTS INFORMATION

Part Number	Description	Qty
61 13 8 383 722	Cable tie (L=200 mm/W=4.6 mm)	As required (max.5)
61 13 6 943 977	Cable holder	As required (max.4)
61 13 6 943 978	Cable holder edge	As required (max.2)
61 13 7 560 191	Cable strap with bracket (160 mm)	As required (max.1)
61 13 9 225 752	Clip	As required (max.4)
61 13 8 375 988	Cable strap with bracket (D=7.9 mm/L=150 mm)	As required (max.3)
61 13 9 219 792	Cable holder	As required (max.2)
61 13 6 925 452	Fabric tape abrasion resistant (L= 25m/W=19 mm)	As required (approx. 50 cm/20 inches)

WARRANTY INFORMATION

Reimbursement for this Delivery Stop action will be via normal claim entry utilizing the following information:

Defect Code	0061110500	
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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:	Labor Allowance:	Description (Plus work):
# 1	00 67 510	Refer to AIR	Checking the wiring harness installation arrangement (No repair is necessary)
Or:			
# 2	00 67 511	Refer to AIR	Check and correct wiring harness installation arrangement
Or:			
# 3	00 67 521	Refer to AIR	Check and correct wiring harness installation arrangement with insulation repair
Or:			
# 4	00 67 522	Refer to AIR	Checking and correction of the wiring harness installation arrangement with cable repair

Or:

The vehicle arrives at your center and this Campaign shows open (No other Main work will be performed/claimed during this workshop visit)

Work Pkg	Labor Operation:	Labor Allowance:	Description (Main work):
# 5	00 67 003	Refer to AIR	Checking the wiring harness installation arrangement (No repair is necessary)
Or:			
# 6	00 67 004	Refer to AIR	Check and correct wiring harness installation arrangement
Or:			
# 7	00 67 012	Refer to AIR	Check and correct wiring harness installation arrangement with insulation repair
Or:			
# 8	00 67 013	Refer to AIR	Checking and correction of the wiring harness installation arrangement with cable repair

Claim Repair Comments

Unless additional related/in conjunction work was required (not addressed and/or included in one of the options provided above), then only reference the SIM number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: M61 02 19 WP 1).

And, as applicable:

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

This action 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.

Attachments:

[Attachment 1 - Procedure to inspect and verify the wiring harness in CASE 1](#)

[Attachment 2 - Procedure to inspect and correct the wiring harness in CASE 2](#)

[Attachment 3 - Procedure to inspect and repair the wiring harness in CASE 3](#)

[Attachment 4 - Procedure to inspect and repair the wiring harness in CASE 4](#)

Supporting Materials

[picture as pdf M120219 Attachment 3 - Procedure to inspect and repair the wiring harness. CASE 3.pdf](#)

[picture as pdf M120219 Attachment 2 - Procedure to inspect and correct the wiring harness. CASE 2.pdf](#)

[picture as pdf M120219 Attachment 1 - Procedure to inspect and verify the wiring harness in CASE 1.pdf](#)

[picture as pdf M120219 Attachment 4 - Procedure to inspect and repair the wiring harness. CASE 4.pdf](#)

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