



SIB 12 03 20

2020-03-04

SERVICE ACTION: INSPECT AND SECURE THE ENGINE ELECTRICAL HARNESS

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
F95	X5 M Sports Activity Vehicle	July 27, 2019 thru January 14 2020	S63M
F96	X6 M Sports Activity Coupe	April 24, 2019 thru January 15 2020	S63M

SITUATION

An improperly routed engine wiring harness may become damaged if it contacts the air conditioning (AC) compressor pulley.

Note: This service action only affects certain BMW of North America (BMW NA) company owned vehicles.

AFFECTED VEHICLES

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

CAUSE

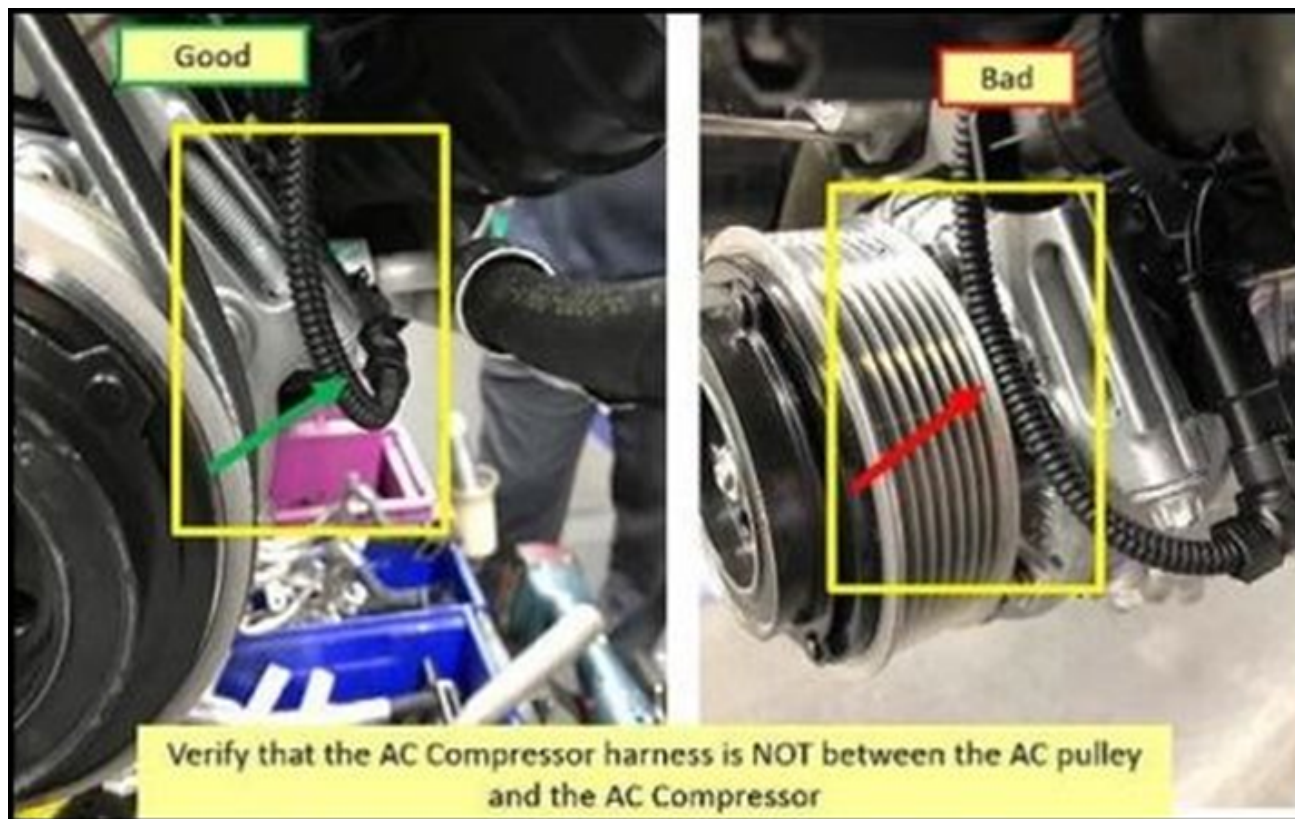
Incorrect routing of the engine electrical harness during assembly.

CORRECTION

Inspect the engine harness and secure or replace as needed.

PROCEDURE

1. Remove the front underbody protection, as described in the repair instructions REP 51 47 490 "Removing and installing/replacing the front underbody protection."



2. Check the wiring harness for damage in the area of the air conditioning compressor

a. If the wiring harness is damaged or abraded:

- o The wiring harness must be replaced. Ensure the replacement wiring harness is properly routed as shown to the left. The heat-resistant cable tie is not needed if the engine harness is replaced and properly routed.

Note: REP 12 51 303 "**Removing and installing/replacing the engine sensor system module 2 wiring harness section**" for cylinders 5-8 is scheduled to be released in ISTA 4.22.3x. (expected early March 2020).

3. If the wiring harness has not been damaged:

Secure the wiring harness to the air conditioning refrigerant line as shown below.



Note: Only the heat-resistant cable tie must be used to secure the wiring harness to the metal crimp of the air conditioning refrigerant line as shown above.

1. Remove the front underbody protection, as described in the repair instructions REP 51 47 490 "Removing and installing/replacing the front underbody protection."

PARTS INFORMATION

Only BMW NA vehicles are involved, but one of our company cars might stop at your shop for service. If a vehicle arrives at your center with the open campaign, perform a key read and then enter a Recall/Parts Matrix IDS Ticket request for the part listed below.

Only use and invoice the part number 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 number being invoiced and installed, this could delay the payment of claim.

Only BMW NA vehicles are involved, but one of our company cars might stop at your shop for service. If a vehicle arrives at your center with the open campaign, perform a key read and then enter a Recall/Parts Matrix IDS Ticket request for the parts listed below.

Part Number	Description	Quantity
12 51 1 742 867	Cable tie (heat-resistant)	1
Or:		
Refer to ETK	Engine sensor system module 2 wiring harness (expected available March 2020)	1

Note:

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

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information together with the specified part number listed above that applies:

Defect Code:	0012180500	F95 F96 S63M Check and re-attach the engine wiring
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harness

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 68 915	Check and secure electrical harness	5 FRU
Or:			
# 2	00 68 916	Check and replace electrical harness then clear faults (includes connecting an approved battery charger/power supply and performing a vehicle test)	92 FRU
Or:			
# 3	00 68 917	Campaign completed in conjunction with another repair (no repair is necessary)	1 FRU

Or:

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

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 6	00 68 312	Check and secure electrical harness	6 FRU
Or:			
# 7	00 68 313	Check and replace electrical harness then clear faults (includes connecting an approved battery charger/power supply and performing a vehicle test)	94 FRU
Or:			
# 8	00 68 314	Campaign completed in conjunction with another repair (no repair is necessary)	1 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B12 03 20 WP 1), unless otherwise required by State law.

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 B01 29 16 for additional information.