



SI B12 24 19  
Engine Electrical Systems

July 2019  
Technical Service

## ENGINE MAY SWITCH OFF SHORTLY AFTER THE FIRST MSA RESTART

### MODEL

F39 (X2 M35i Sports Activity Coupe)			
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Produced up to and including June 26th, 2019.

### SITUATION

MSA is the automatic start/stop feature for the engine. The engine may switch off immediately after an automatic start (MSA restart).

This issue may only occur if the automatic stop (MSA stop) occurs within ten seconds after a manual engine start (using the start/stop button).

The following fault may be erroneously stored in the digital motor electronics (DME):

Fault code:	Control module:	Fault code text:
1F140A	DME	Drive, safety function: Acceleration without driver's choice in standstill

Additionally, the malfunction indicator lamp (MIL) and engine malfunction check control message (CCM #29) may be displayed.

### CAUSE

A software error in the DME may trigger an erroneous diagnostic response.

### CORRECTION

Update the DME software using **ISTA 4.18.1x** (released early July 2019) or later.

### PROCEDURE

1. Connect the vehicle to a BMW approved battery charger (Refer to [SI B04 23 10](#)).
2. Program the vehicle using **ISTA 4.18.1x** to the appropriate I level shown below:

Model:	Target I level:
F39 (X2 M35i Sports Activity Coup)	<b>F056-19-07-520</b> or higher



Note: ISTA will automatically reprogram and code all programmable control modules that do not

have the latest software.

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

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Defect Code:</b>	<b>1042315900</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And:		
61 00 730	Refer to AIR	Programming/encoding control unit(s)

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.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

### Programming and Encoding - Vehicle Control Units

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 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 this control module-related repair work using the applicable defect code and labor operations (including diagnosis) in AIR.

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