

TRANSMISSION INTERMITTENTLY GOES INTO "P" OR "N" AFTER MSA
ENGINE START**MODEL**

G05 (X5 xDrive 50i Sports Activity Vehicle)	G07 (X7 xDrive 50i SAV)	G12 (750i xDrive Sedan) as of 01/2019 with the N63B	G14 (M850i xDrive Convertible)
G15 (M850i xDrive Coupe)			

Produced up to and including June 26th, 2019.

SITUATION

After an automatic engine start (MSA start), the transmission intermittently goes into the Park "P" or Neutral "N" position without any customer influence.

This problem can be sporadic, difficult to reproduce, and no relevant faults are stored.

Hint: Refer to SI **B12 01 13** for a similar situation on "F" series vehicles equipped with the N20 or N55 engine.

CAUSE

An error in the digital motor electronics (DME) software.

CORRECTION

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

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:
G05 (X5 M50i, X5 xDrive 50i)	S18A-19-03-560 or higher
G07 (X7 M50i, X7 xDrive 50i)	
G14 (M850i xDrive Convertible)	
G15 (M850i xDrive Coupe)	

Model:	Target I level:
G12 (750li xDrive)	S15A-19-03-560 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.

Defect Code:	1042315900	
Labor Operation:	Labor Allowance:	Description:
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.

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

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.