

**SUBJECT****MDrive Buttons Are Not Functioning After Programming****MODEL**

F80 (M3)

F82 (M4 Coupe)

F83 (M4 Convertible)

Without the “Heads-Up Display” option 610

SITUATION

The MDrive buttons may not be functioning on M vehicles which have been programmed to one of the following integration levels:

- F020-15-07-500
- F020-15-07-501
- F020-15-07-502
- F020-15-07-503

CAUSE

DME software (MDrive signal monitoring error)

PROCEDURE

Do not replace any parts!

Program the vehicle using the latest version of ISTA/P (3.56.3 or higher).

Target integration (new): **F020-15-07-504** or higher.**Note:****An IRAP solution is available until the release of ISTA/P 3.56.3.**

Submit a PuMA case entitled “**IRAP for Mdrive buttons**” to flash to the F056-15-07-504 integration level.

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

Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

For information on programming and coding with ISTA/P, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

Defect Code:	10 42 31 59 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And:		
61 00 730	Refer to KSD2	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.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Vehicle Programming and Coding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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