



MALFUNCTION INDICATOR LAMP (MIL) IS ILLUMINATED WITH FAULT MEMORY CDC152

MODEL

F44 (2 Series Gran Coupe)	F90 (M5 Sedan)	F91 (M8 Convertible)	F92 (M8 Coupe)
F93 (M8 Gran Coupe)	F95 (X5 M Sports Activity Vehicle (SAV))	F96 (X6 M Sports Activity Coupe (SAC))	F97 (X3 M SAV)
F98 (X4 M SAC)	G01 (X3 SAV)	G02 (X4 SAC)	G05 (X5 SAV)
G06 (X5 SAC)	G07 (X7 SAV)	G12 (7 Series Sedan)	G14 (8 Series Convertible)
G15 (8 Series Coupe)	G16 (8 Series Gran Coupe)	G20 (3 Series Sedan)	G22 (4 Series Coupe)
G23 (4 Series Convertible)	G29 (Z4 Roadster)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)

Vehicles equipped with option code:

6U3 BMW Live Cockpit Professional

SITUATION

The malfunction indicator lamp (MIL) is illuminated in the instrument cluster. The vehicles has no operating failures; only the MIL is illuminated.

During diagnosis, the DME control unit displays fault code: CDC152 : PT-CAN, message (odometer reading 2, 0x19D): is missing.

CAUSE

Software error in the Instrument Cluster (KOMBI).

CORRECTION

Program the vehicle.

PROCEDURE

- Determine the vehicle's current I-level by either using AIR or the ISPA NEXT application. If needed, use the latest ISTA to work through test modules.
- Is the current vehicle integration level:

Model	Integration level
F90 F97 F98 G01 G02 G12 G30 G32	Between S15A-20-07-520 and S15A-20-07-539
F44 F91 F92 F93 F95 F96 G05 G06 G07 G14 G15 G16 G20 G22 G23 G29	Between S18A-20-07-520 and S18A-20-07-539

YES: Proceed to Step 3

NO: Further diagnosis with ISTA is needed

- Program the vehicle using ISTA 4.25.1x or higher (released September, 2020)

Model	Integration level
F90 F97 F98 G01 G02 G12 G30 G32	S15A-20-07-540 or higher
F44 F91 F92 F93 F95 F96 G05 G06 G07 G14 G15 G16 G20 G22 G23 G29	S18A-20-07-540 or higher

Note that ISTA 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, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

Parts exchange will not provide a solution

WARRANTY INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher.

Please be sure to also perform any additional work (before and/or after) as required by the open campaign(s) on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, including Emissions when determined applicable or the BMW Certified Pre-Owned Program.

Defect Code:	6211204200	KOMBI display / pixel / backlighting (in the instrument cluster) Misfires / malfunction
:		
Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

And, additionally for the:

e-Vehicles-

Labor Operation	Description	Labor Allowance
61 25 910	Recharging high-voltage battery unit (to high voltage charging socket)	Refer to AIR

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.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

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 sequential control module related IRAP recovery procedure (when applicable as required)/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 the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis).

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis).

As applicable to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Parts Department