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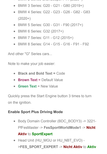
BMW Cheat Sheet for All "G" Series (G20, G22, G30 etc)

Monday, November 7, 2022

Here is the coding cheat sheet for BMW cars with G chassis that I have made for my own purposes. Most of the contents of the G-Chassis cars is already known and tested. Some of the items in the coding tab are not so well tested yet at all them. You can do this using Bimmercode Expert app. Some of the items are tested on my own car. Launched this 3.0 in Great Britain. Feel free to use it and share your discoveries. Do not crack if the battery is low. If you are a professional, definitely use CODEScan or CodeScanner. But there is an expert mode in Bimmercode Expert app which allows to do more than CODEScan does. Expert mode allows to write long strings. CODEScan is very good device and technical support.

BimmerCode Application automatically backs-up/restores the original settings. Some of the items are tested on my car back. But if you are going to do it through EDIABAS, only at the deepe only carefully. Because it's not backing up. Note that there is a possibility of bricking the car's ECUs. Good luck.



At next and next step, I will make a video with the main tricks and tips. If you have any codes to add, do not forget to share with the community. Thanks in advance.

I will constantly update this list. It would be nice if you insert here the update 5.

Compatible Cars:

- BMW 5 Series G30 (2016+)
- BMW 5 Series G31 (2017+)
- BMW 6 Series GT G32 (2017+)
- BMW 7 Series G11 (2015+)
- BMW 7 Series G12 (2015+)
- BMW 8 Series G14 - G15 - G16 - F91 - F92 - F93 (2018+)

And other "G" Series cars.

Note to make your job easier:

- Black and Bold Text = Code
- Brown Bold Text = Debug Value
- Green Text = New Value

Quick jumps Bold Text Engine before 5 times to turn on the ignition.

Enable Sport Start Driving Mode

- Body Domain Controller (BDC_BODY) => 3201 - FRontsitzer => FastGoodWillSitMotor! - **Nicht Aktiv** => **Aktiv**
- Engine (DME) => 3A2A - SPORTSTARTMODE_ACTIVE - **Nicht Aktiv** => **Aktiv**
- FRS_SPORT_EXPERT => **Nicht Aktiv** => **Aktiv**

Windbreak Model for electric vehicles. Don't try to use, I tried it. It doesn't have a function.

Enable Auto Start-Stop Memory

Don't code while the engine is running.

- Control Module DME_GMS_BMW2 => TCM_KEA_Memory - **Nicht Verbaut** => **Verbaut**

Enable Comfort Plus Driving Mode

- Body Domain Controller (BDC_BODY) => 3201 - FRontsitzer => FastComfortSitMotor! - **Nicht Aktiv** => **Aktiv**
- FRS_SPORT_EXPERT => **Nicht Aktiv** => **Aktiv**

Hidden Menu

- ALPINA
- 18
- M Performance up to 180 mph (280 km/h)
- M Performance up to 155 mph (250 km/h)
- M Sport (Standard Layout) 155 mph (250 km/h)

Enable Sport Mode

Logo Activation

- 140
- 150
- 155
- 160
- 165
- 550d Plug-in Hybrid Electric Vehicle
- 12 MBT

Enable Auto Starting Heat

- Heat Unit (HU_MEA) => MY_FAHRZEUG_ZUSATZHEIZUNG_VORHANDEN - **Nicht Aktiv** => **Aktiv**
- Body Domain Controller (BDC_BODY) => 3202 - LINE_COR_RP => **Nicht Aktiv** => **Aktiv**
- Heat Unit (HU_MEA) => MY_FAHRZEUG_ZUSATZHEIZUNG_VORHANDEN => MY_ENABLE => **Inhaert** => **MY_ALLE_SIZE**

Adjust Speed Limits Menu on Dirve

Attention. Same code in different controllers.

- Heat Unit (HU_MEA) => MY_FAHRZEUG_VMAX_ANZEIGE_VORHANDEN => **Nicht Aktiv** => **Gen_2**
- Heat Unit (HU_MEA) => MY_FAHRZEUG_VMAX_ANZEIGE_ENABLE => **Nicht Aktiv** => **Aktiv**
- Body Domain Controller (BDC_BODY) => 3202 - VORFEST_ANZEIGE => **Nicht Aktiv** => **Gen_2**
- Body Domain Controller (BDC_BODY) => 3202 - VORFEST_ANZEIGE => **Nicht Aktiv** => **Aktiv**

Enable Wireless Charging

After installing the Charging Module charger.

- Body Domain Controller (BDC_BODY) => 3202 - WirelessChargingPowerOnDemand_ENABLE => **Nicht Aktiv** => **Aktiv**
- Body Domain Controller (BDC_BODY) => 3202 - WIRELESS_CHARGING => **Nicht Aktiv** => **Aktiv**

Enable the Turn Signals for Daytime Driving Lights

- Body Domain Controller (BDC_BODY) => 3702 - LCI-Position => Feature_0 => **Nicht Aktiv** => **Aktiv**

Checkbox Daytime Running Light

- Heat Unit (HU_MEA) => MY_FAHRZEUG_ZUSATZLICHE_TAGFAHRLICHTER_ENABLE_REAR => **Nicht Aktiv** => **Aktiv**
- Heat Unit (HU_MEA) => MY_FAHRZEUG_ZUSATZLICHE_TAGFAHRLICHTER_ENABLE => **Nicht Aktiv** => **Aktiv**
- FRS_TAGFAHRLICHTER_ENABLE => **Nicht Aktiv** => **Aktiv**

Ambient Lighting Color

Replace the orange color and White and also the Green and White with Red and Blue. Save your original hex value somewhere. It is a very simple.

- Body Domain Controller (BDC_BODY) => 3000 - LICHTSTATUS_1 - LIC_LCI_COLOR_LIBRARY_DATA => **SOMEWHERE**_Lichtstatus_Lichtstatus_color1 =

Current Values

- Byte 18 - FF
- Byte 19 - 00
- Byte 20 - 00
- Byte 21 - FF
- Byte 22 - 00
- Byte 23 - 00
- Byte 24 - FF
- Byte 25 - 00
- Byte 26 - 00
- Byte 27 - FF

Body Domain Controller (BDC_BODY) => 3000 - LICHTSTATUS_1 - LIC_LCI_COLOR_LIBRARY_DATA => **SOMEWHERE**_Lichtstatus_Lichtstatus_color1 = Custom Values

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- Byte 21 - FF
- Byte 22 - 00
- Byte 23 - 00
- Byte 24 - FF
- Byte 25 - 00
- Byte 26 - 00
- Byte 27 - FF

Assistant Driving Mode Enable Before 6Y70:

Instrument Cluster (CKM)

- OR_FZG_ANSAUGLUFTKLAPPE_FAHR => **Nicht Aktiv** => **Aktiv**
- OR_PRESELECT_MAX_AMOUNT_FZG_LANGSAMFAHR => **Nicht Aktiv** => **Aktiv**
- FRS_FZG_ANSAUGLUFTKLAPPE_FAHR => **Nicht Aktiv** => **Aktiv**

Ambient Lighting Color

Replace the orange color and White and also the Green and White with Red and Blue. Save your original hex value somewhere. It is a very simple.

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I apologize, but, unfortunately, this opinion, you commit an error. I suggest to discuss. Write to me in the PM, we will communicate.

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