

LI User's Guide - Acronyms, Control Unit Identification, and Platform Reference

Topic number	LI00.01-P-078887
Version	4
Function group	00.01 - User information
Date	3/25/26
Validity	Acronyms, Control Unit Identification, and Platform Reference
Reason for change	Updates

Complaint

The intent of this document is to provide workshops with helpful technical reference language.

- Commonly used acronyms in LI's and TIPS cases.
- Control unit names, numbers, and how to identify.
- Network/wiring architecture groups to baumuster quick reference.
- Platform to baumuster quick reference.

Cause

Information only

Remedy

Acronyms:

- AV = Actual Values
- CU = Control Unit
- CUL = Control Unit Log
- DTC = Diagnostic Trouble Code
- E-Stand = Fresh-up head unit boot software (found in head unit control unit log)
- FUP = Fresh-up
- FW = Firmware
- HSVL = High Speed Video Line
- HU = Head Unit
- HW = Hardware
- IPD = Injector Performance Data
- ISU = Initial Start Up
- LVDS = Low Voltage Differential Signal
- NAG"x" = New Automatic Gearbox ("x" is the generation number, example: NAG3)
- NSFT = Not Safe For Transport
- MOPF = Model Facelift (Ex: 167 MOPF)
- PiH = Plug-in Hybrid
- P3 Hybrid = AMG Plug-in Hybrid with rear drive unit
- SA Code = Sonderausstattungscode (Option Code)

XENTRY Tips

- SCN = Software Calibration Number
- SW = Software
- TCU = Telecommunication Control Unit (Hermes/Ramses/Etc...)
- QT = Quicktest
- XD = XENTRY Diagnosis

Control Unit Identification:

Refer to the attachment "Control Unit Nomenclature" for location of each.

- Control Unit Name
- Control Unit Number
- Control Unit Short name
- Control Unit Diogenes ("dy-oh-uh-neeZ") name - Control unit variant/family.

Network/Wiring Architecture to Baumuster Quick Reference:

Star 1

- 117, 156, 246 (MFA)
- 166, 176, 221, 242, 246, 292
- 906

Star 2

- 205, 213, 238, 253, 257, 290 (MRA)
- 117, 156, 246 (MFA)
- 118, 177, 243, 247 (MFA2)
- 167, 222, 292, 463, 465
- 907

Star 3

- 294, 295, 296, 297 (EVA2)
- 206, 214, 223, 236, 254 (MRA2)
- 192 and 232 (MSA)

Star 3.5

- 174
- 178

Platform to Baumuster Quick Reference:

MRA = "Mercedes-Benz Rearwheel Architecture":

- 205
- 213
- 222
- 238
- 253
- 257
- 290

MRA2 = "Mercedes-Benz Rearwheel Architecture - Generation 2":

- 206
- 214
- 223
- 236
- 254

MFA = "Mercedes-Benz Frontwheel Architecture"

- 117
- 156
- 246

MFA2 = "Mercedes-Benz Frontwheel Architecture - Generation 2"

- 118
- 177
- 243
- 247

EVA1.5 = "Electric Vehicle Architecture"

- 243

EVA2 = "Electric Vehicle Architecture - Generation 2"

- 294
- 295
- 296
- 297

MSA = "Mercedes-Benz Sport Architecture"

- 192
- 232

MMA = "Mercedes-Benz Modular Architecture"

- 174
- 178

Attachments																	
File	Description																
<p>Control Unit Nomenclature.png</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Part number</th> <th>Supplier</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>Hardware</td> <td>223 901 24 15</td> <td>Bosch</td> <td>21/03 000</td> </tr> <tr> <td>MB object number for software (Application)</td> <td>223 902 38 34</td> <td>Bosch</td> <td>23/51 011</td> </tr> <tr> <td>Boot software</td> <td>223 904 07 02</td> <td>Bosch</td> <td>21/47 010</td> </tr> </tbody> </table> <p>Diagnosis identifier: 008026 Control unit variant: IDC223 IDC223_Appl_0x0 08026</p> <p>Control Unit Diogenes Name</p> <p><i>*May also be referenced as Diagnosis Identifier</i></p>	Model	Part number	Supplier	Version	Hardware	223 901 24 15	Bosch	21/03 000	MB object number for software (Application)	223 902 38 34	Bosch	23/51 011	Boot software	223 904 07 02	Bosch	21/47 010	Control Unit Nomenclature
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Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms

Overall vehicle > Complete vehicle > Modified to
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Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
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