

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

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Topic number	LI00.01-P-078887
Version	2
Function group	00.01 - User information
Date	6/17/25
Validity	Acronyms, Control Unit Identification, and Platform Reference
Reason for change	Add "IDP" to acronym list.

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### 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
- 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)
- SCN = Software Calibration Number

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- 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-oj-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

### Star 2

- 205, 213, 238, 253, 257, 290 (MRA)
- 117, 156, 246 (MFA)
- 118, 177, 243, 247 (MFA2)
- 167, 222, 292, 463, 465, 906

### Star 3

- 294, 295, 296, 297 (EVA2)
- 206, 214, 223, 236, 254 (MRA2)
- 192 and 232 (MSA)
- 907

## 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

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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

Attachments																	
File	Description																
<a href="#">Control Unit Nomenclature.png</a> <p>The screenshot shows a diagram with three boxes: 'Control Unit Number' (green), 'Control Unit Name' (purple), and 'Control Unit Short name' (blue). Arrows point from these boxes to a table. The table has columns: Model, Part number, Supplier, and Version. Below the table, there is a 'Diagnosis identifier' field with the value '008026' and a 'Control unit variant' field with the value 'IDC223 IDC223_App1_0x0 08026'. A red arrow points from the 'Diagnosis identifier' to the 'Control unit variant'. Below the table, there is a box labeled 'Control Unit Diogenes Name' with the text '*May also be referenced as Diagnosis Identifier'.</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>	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

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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
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Overall vehicle > Complete vehicle > Modified to
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Operation numbers/damage codes
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Op. no.	Operation text	Time	Damage code	Note
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