

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

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| Topic number | LI00.01-P-078887 |
| Version | 1 |
| Function group | 00.01 - User information |
| Date | 2/20/25 |
| Validity | Acronyms, Control Unit Identification, and Platform Reference |
| Reason for change | |

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
- 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
- SW = Software

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- 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

MFA = "Mercedes-Benz Frontwheel Architecture"

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- 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"

- No vehicles currently launched.

| Attachments | |
|---|---------------------------|
| File | Description |
| Control Unit Nomenclature.png | Control Unit Nomenclature |

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

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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.

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| Symptoms |
|----------|

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|--|
| Overall vehicle > Complete vehicle > Modified to |
|--|

| |
|--------------------------------|
| Operation numbers/damage codes |
|--------------------------------|

| Op. no. | Operation text | Time | Damage code | Note |
|---------|----------------|------|-------------|------|
|---------|----------------|------|-------------|------|