

Dialogannahme

MERCEDES-BENZ

Version 2025.07.03 – Prices on request

Wheel aligner ML 81 Tech R | for Mercedes-Benz | 433 Mhz

Beissbarth workshop equipment - recommended by Mercedes-Benz | with CCD-Technologie and wireless data transfer (433 Mhz) | with cabinet, HighPerformance PC, 27" monitor and printer | incl. emergency cable set for sensor heads, turntable Precision and toe press bar

Article number: 1 690 500 009



Best in class: +/- 2 minute accuracy

- 360° measurement field for permanent self-check and adjustment of system to movement and vibrations
- No calibration to a specific lift allows a measurement on any wheel alignment bay
- Wireless data transfer and integrated battery enable full mobility and allow the use of Windows tablets or laptops
- Intelligent and space-saving charging solution that can be mounted on any wall
- Quality made in Germany

Sophisticated software for maximum measurement and adjustment efficiency

- Real-time display of measured values combined with vehicle specs
- Visually animated adjustment instructions for third-party vehicles
- Several languages as standard for staff from all over the world
- Toe indicator in full-lock state as well as track- and camber display in raised state for comfortable toe rod adjustment
- ASA network ready
- Live readings without having to lift or move the vehicle (when using Mercedes-Benz quick clamps)
- Romess device ready (cable version)
- Data transmission: 433 Mhz

Scope of delivery:

- Sensor head with encoder and battery power (433 Mhz frequency)
- Software with quick check for direct reception
- Vehicle specs database with additional Mercedes Benz Professional data
- Cabinet with HighPerformance PC

- 27" monitor
- Printer
- Precision turntables with electronics (for maximum steer) for front axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Emergency cable set for sensor heads
- Mercedes Benz toe press bar

Please note: Mercedes-Benz quick clamps or Multi-Quick clamps with 3-point contact need to be ordered separately

Wheel aligner ML 81 Tech R | for Mercedes-Benz | 2.4 Ghz

Beissbarth workshop equipment - recommended by Mercedes-Benz | with CCD-Technologie and wireless data transfer (2.4 Ghz) | incl. PC, printer and monitor | with cabinet, HighPerformance PC, 27" monitor and printer | incl. emergency cable set for sensor heads, turntable Precision and toe press bar

Article number: 1 690 500 093



Best in class: +/- 2 minute accuracy

- 360° measurement field for permanent self-check and adjustment of system to movement and vibrations
- No calibration to a specific lift allows a measurement on any wheel alignment bay
- Wireless data transfer and integrated battery enable full mobility and allow the use of Windows tablets or laptops
- Intelligent and space-saving charging solution that can be mounted on any wall
- Quality made in Germany

Sophisticated software for maximum measurement and adjustment efficiency

- Real-time display of measured values combined with vehicle specs
- Visually animated adjustment instructions for third-party vehicles
- Several languages as standard for staff from all over the world
- Toe indicator in full-lock state as well as track- and camber display in raised state for comfortable toe rod adjustment
- ASA network ready
- Live readings without having to lift or move the vehicle (when using Mercedes-Benz quick clamps)
- Romess device ready (cable version)
- Data transmission: 2.4 Ghz

Scope of delivery:

- Sensor head with encoder and battery power (2,4 Ghz frequency)
- Software with quick check for direct reception
- Vehicle specs database with additional Mercedes Benz Professional data
- Cabinet with HighPerformance PC

- 27" monitor
- Printer
- Precision turntables with electronics (for maximum steer) for front axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Emergency cable set for sensor heads
- Mercedes Benz toe press bar

Please note: Mercedes-Benz quick clamps or Multi-Quick clamps with 3-point contact need to be ordered separately The 2.4 Ghz version is not suited for Europe!

Key Card | for Mercedes-Benz CCD wheel aligners (WAM)

Beissbarth KeyCard to activate new software with live connection to central Mercedes-Benz vehicle specs database.

Article number: 1 690 002 020



KeyCard for connecting to the Mercedes-Benz vehicle database (WAM Online).

New features of the online upgrade:

- Vehicle selection directly via VIN
- Automatic selection of the correct equipment codes
- 24/7 access to the latest vehicle data

Scope of delivery:

- KeyCard

Upgrade for all Mercedes-Benz wheel aligners with serial number: C2, C3, C4, CA, CB, CD, CE, CI, CN

Note: Requires Windows 10 PC or Windows 11 PC!

Upgrade Kit | for Mercedes-Benz CCD wheel aligners (WAM)

Beissbarth pre-configured high performance PC with Windows 10 including new software with live connection to central Mercedes-Benz vehicle specs database.

Article number: 1 690 571 112



Pre-configured High-Performance PC with Windows 10 and new software for connecting to the Mercedes-Benz vehicle database (WAM Online).

New features of the online upgrade:

- Vehicle selection directly via VIN
- Automatic selection of the correct equipment codes
- 24/7 access to the latest vehicle data

Scope of delivery:

- PC with Windows 10
- Pre-installed program with online functionality
- Pre-installed MB Professional Database 5.04
- Pre-installed vehicle specs IAM
- Wi-Fi stick for integration into the workshop network

Upgrade for all Mercedes-Benz wheel aligners with serial number: C2, C3, C4, CA, CB, CD, CE, CI, CN

Note: Requires the ML81R Tech serial number for ordering

Headlight testing device MLD 110 | for Mercedes-Benz

Beissbarth MLD 110 Mercedes-Benz - Headlight testing system for Mercedes-Benz workshops

Article number: 1 692 104 334



German Road Traffic Type-Approval Law StVZO § 29 general-inspection headlight-test directive: MLD 110 can be calibrated according to the legal requirements

- TÜV certificate in line with StVZO § 50 - TPN 2023-05-2208483: MLD 110 is TÜV-certified by prototype technical release examination in accordance with the directives for testing headlight adjustment/test equipment (German Road Traffic Type-Approval Law StVZO §50 paragraph 5).
- The alignment (leveling) of the MLD 110 on the testing bay corresponds to the latest requirements
- Two-dimensional spirit level for horizontal leveling of the optical box
- Levelable rail system for above- and inground installation is a mandatory accessory
- Levelable 3-Wheel base system

Headlight testing with MLD 110 Mercedes-Benz: for Mercedes-Benz workshops

- Crosslaser for precise positioning
- Analogue system for all light sources (Xenon, Bi-Xenon, LED, Bi-LED, Halogen)
- All types of vehicles (passenger cars, trucks, motorcycles)
- All types of headlights (main headlights, fog lamps, auxiliary lamps)
- On required rail system. Rail system must be ordered separately
- Column and optical box constantly oriented 90° towards the roll-on markers
- Digital Luxmeter: 3 photo diodes within the test screen measure the intensity of the illumination, which is then displayed on the digital lux meter. This makes for easy identification of outdated or low-quality light sources.
- Universal aiming screen: MLD 110 test screen for both right-hand and left-hand traffic

- Two-dimensional spirit level for exact levelling

Mercedes-Benz homologated alignment system

- Vehicle alignment by means of yellow 7-metre roll-on markers (for trucks: 9 m)
- Permanent fixation and precise alignment to the roll-on markers of the optical box
- Target column adapter for night vision assistants. Practical board fixture by means of a magnet. The target board itself is not included in scope of delivery.
- With colour filter attachment: LED1 color filter for LED headlights filters out the disrupting blue fringe in the area of the cut-off line and thus simplifies the visual assessment by the workshop technician.

Certificate: CE, TÜV

Wheel Alignment



Wheel aligner ML 81 Tech R | for Mercedes-Benz | 433 Mhz

Article number: 1 690 500 009



Wheel aligner ML 81 Tech R | for Mercedes-Benz | 2.4 Ghz

Article number: 1 690 500 093



Key Card | for Mercedes-Benz CCD wheel aligners (WAM)

Article number: 1 690 002 020



Upgrade Kit | for Mercedes-Benz CCD wheel aligners (WAM)

Article number: 1 690 571 112

Headlight testing



Headlight testing device MLD 110 | for Mercedes-Benz

Article number: 1 692 104 334

IMPORTANT NOTES

- Please notice: This list contains spare parts, too.
- Without instruction or assembly.
- Delivery ex works including packaging.

VERSION 2025.07.03 – PRICES ON REQUEST

- Starting from now all previous lists will lose their validity.
- Please read our general terms and conditions in the latest version before ordering; to be found under www.beissbarth.com.

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