



WHEEL ALIGNMENT

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

Description

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

Technical Data

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|------------------------|--------------------------|
| Operating temperature | 5 - 40 °C |
| Electrical connection | 120 - 220 V 50 - 60 Hz |
| Data transmission type | - cordless |
| Measuring system | - CCD |
| Power | 0,5 kW |
| Frequency | 433 MHz |
| Storage temperature | -20 - 60 °C |
| Relative humidity, use | (40 °C) 10 - 90 % |
| Height cabinet | 1520 mm |
| Width cabinet | 880 mm |

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| Depth cabinet | 770 mm |
| Weight cabinet | 110 kg |

Accessories

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| 1 690 002 015 | Vehicle database update Cars & Vans Europe Key Card |
| 1 690 501 001 | Mechanical aluminum turntable Standard |
| 1 690 401 028 | Mechanical aluminum turntable Precision |
| 1 690 401 011 | Electronic aluminum turntable without connecting cable Standard |
| 1 690 401 013 | Electronic aluminum turntable without connecting cable Precision |
| 1 690 403 001 | Connecting cable for electronic turntables |
| 1 690 702 082 | Filling piece for aluminum turntable |
| 1 690 402 001 | Protective rubber cover for aluminum turntable |
| 1 690 401 003 | Sliding plate for rear axle short |
| 1 690 401 004 | Sliding plate for rear axle long |
| 1 690 701 052 | Drive-on ramps for two aluminum turntables |
| 1 690 401 008 | Drive-on ramps for turntables and sliding plates |
| 1 690 311 112 | Multi-Fit wheel clamp with standard claws 13 - 22" 4 pcs. |
| 1 690 311 089 | Multi-Fit wheel clamp with standard claws 13 - 22" 1pc. |
| 1 690 311 113 | Extension set for Multi-fit clamps 23 - 28" |
| 1 690 311 164 | Set softline claws for 1 x Multi-fit clamp Softline rims |
| 1 690 311 115 | Set truck claws for 1 x Multi-fit clamp Truck |
| 1 690 301 002 | Central clamp Porsche Carrera GT |
| 1 690 380 002 | Central clamp Porsche 911 GT3 and Turbo |
| 1 690 380 010 | Self-centering quick clamp for Porsche |
| 1 690 380 161 | Self-centering quick clamp for Tesla |
| 1 690 381 299 | Self-centering quick clamp for Ferrari |
| 1 690 801 002 | Quick clamp Mercedes Benz OEM |
| 1 690 801 007 | Distance bolts for quick clamp Mercedes Benz 100 mm |
| 1 690 401 019 | Distance bolts for quick clamp Mercedes Benz and BMW 125 mm |
| 1 690 301 004 | Precision spoiler adapter Porsche |
| 1 690 401 005 | Spoiler adapter 50 mm |
| 1 690 121 001 | Spoiler adapter 100 mm |
| 1 690 311 146 | Wallboard for sensor heads |
| 1 690 401 012 | Cable set |
| 1 690 401 006 | Brake pedal depressor |
| 1 690 401 007 | Steering wheel holder |
| 1 693 600 001 | Toe press bar for Mercedes Benz |
| 1 690 401 066 | Calibration device for CCD |
| 1 693 770 002 | Romess inclinometer with standard adapter 230V |

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| 1 693 770 003 | Romess data transfer and charging unit 230V |
| 1 693 770 160 | Replacement standard adapter for Romess inclinometer |
| 1 693 770 004 | Romess adapter set for Vaneo type W414 |
| 1 693 770 619 | Romess steering wheel level gauge with Bluetooth 230V |