



WHEEL ALIGNMENT

Wheel Aligner MB Q.Lign | for Mercedes-Benz

Officially approved wheel aligner by Mercedes-Benz.

Article number: 1 690 200 010

Description

The World's most innovative Wheel aligner

The MB Q.Lign is our answer to an increasingly digital and fast-paced world: ultra-fast, compact, connected

World's First Web-based wheel aligner

- Compact web-based technology creates more space by replacing the need for trolley with PC
- Stream-to-X: Directly display the software on any TV, PC, laptop or smartphone
- Unleash the full power of connectivity by integrating the VAS 701 011 into your daily workshop processes and systems

Online Vehicle Specs

- 24/7 online access to the latest vehicle specs
- Directly from Mercedes-Benz
- Automatic retrieval of vehicle and equipment codes easily via VIN

Scan VIN & Select Vehicle

- Scan VIN with the tablet camera
- From the windshield, driver's door, or vehicle registration
- Vehicle is automatically selected

Get all the speed you want without compromising on accuracy

- Ultra-fast software with optimized workflow of the complete alignment process
- Magnetic wheel clamps mounted in seconds, without any rim contact

Full mobility, infinite possibilities

- Completely wireless thanks to high performance Li-Ion batteries
- Installation on any alignment lift type, above and inground
- Runout compensation in any lift height, from zero to top position
- Permanently use the space in front of the lift for headlight testing and ADAS calibration

Work smarter, not harder

- Get values the second the targets are recognized to immediately spot vehicles involved in accidents
- Measure with any target on any wheel position to save time and eliminate user error
- Active lift control: Our recipe for success for straight steering wheels
- Have the values always in sight from under the vehicle with the four OLED screens on the sensor heads

Putting the customer first

- Easy to understand printouts
- Theme-based printouts (e.g. accident report) instead of one size fits all
- Measurement of all common wheel alignment angles, including vehicle dimensions for easy detection of vehicles involved in accidents

Scope of delivery:

- 2x MB Q.Lign sensor heads with OLED displays
- Display module for direct streaming to TV, PC, laptop or tablet
- Tablet
- 2x Li-Ion batteries with charging station

- 4x Magnetic clamps | 75mm
- 4 targets
- Lift adapter
- Wall board for storage of sensor heads and battery charger
- Steering wheel and brake pedal lock
- 2x electronic turntables
- 4x filling pieces for turntables
- 2x connecting cable for turntable
- IAM vehicle specs
- RS232-USB Adapter for Romess inclinometer

The Mercedes-Benz process for warranty and guarantee work requires the use of the original MB quick clamps W 124 589 01 31 00 (4 pieces). These are not included in the scope of delivery and can be ordered directly from Mercedes-Benz.

Technical Data

Weight	80 kg
Packaging unit	1 Pallet(s)
Electrical connection	90-264V 1Ph 47-63Hz
Individual toe front/rear axle	Ja
Total toe	Ja
Toe-out on turns	Ja
Camber front/rear axle	Ja
Caster	Ja
SAI	Ja
Set-back	Ja
Thrust angle	Ja
Data transmission type	kabellos
Measuring system	3D
Power consumption	45 W
Accumulator power (electric charge)	99 Wh
Wheel base	1800 - 4500 mm
Run-out compensation	Ja
Individual toe front axle	Ja
Individual toe rear axle	Ja
Camber front	Ja
Camber rear	Ja
Set-back front axle	Ja
Set-back rear axle	Ja
Geometric centre line	Ja
Vehicle dimensions live	Ja
Min. tyre size	525 mm
Max. tyre size	835 mm
Packaging length	1080 mm

Packaging width	960 mm
Packaging height	900 mm
Gross weight	100 kg
Country of Origin, customs	DE
Workshop-Net	Standard
Load capacity per turntable	2000 kg

Accessories

1 690 002 019	Vehicle database update Q.Lign Key Card 365
1 690 201 142	Trolley with 27" monitor for MB Q.Lign
1 690 101 127	Accessory cart for OE quick clamps
1 690 101 128	Accessory cart for magnetic clamps
1 690 101 090	Mounting set for OE quick clamps (4x) for wall installation
1 690 101 092	Mounting set for OE magnetic clamps (4x) for wall installation
1 690 101 089	Mounting set for brake and steering wheel lock (2x) for wall installation
1 693 770 002	Romess inclinometer with standard adapter 230V
1 693 770 003	Romess data transfer and charging unit 230V
1 693 770 004	Romess adapter set for Vaneo type W414
1 690 102 216	Romess adapter set for M-Class type W163
1 693 770 619	Romess steering wheel level gauge with Bluetooth 230V
1 690 101 083	Set 4x Magnetic clamp for light trucks and RVs 130mm & 205mm bolt circles
1 693 600 001	Toe press bar for Mercedes Benz
1 690 203 053	Battery for Q.Lign Li-Ion 99 Wh
1 690 201 030	Emergency power box for Q.Lign
1 690 203 025	Power connection cable 10 m
1 690 203 041	Power connection cable 15 m
1 693 770 415	Printer for Beissbarth trolleys
1 690 202 155	Dust cover target board Q.Lign