BMW Q.LIGN

BMW APPROVED

Measured values displayed at the trolley? That's yesterday

- Display on Tablet, TV, PC, or Smartphone!
- No PC-trolley: image processing directly inside the sensor head
- No printer: reports available as PDF files directly on the network

Measurement values? Wherever you need them

- Camber, caster, toe on four small screens in the visible area directly under the vehicle
- Two hands free for adjustments and the values always in sight
- Stand up tall and make adjustments in any lift position, not just one

Wheel alignment? Made easy

- Use any target on any wheel to reduce setup times and errors
- Caster sweep without a ladder or stool, conveniently with the lift on floor level
- Intuitive software processes and menus
- Permanent left-right reference for guaranteed straight steering wheels

Space problem? No problem

- Permanently space in front of the lift
- Fits on any alignment lift
- Wireless and battery-powered
- More space in the workshop with BMW Q.Lign

Get it straight. Keep it straight.
Digital steering wheel level integration

A perfectly centered steering wheel is the basis for accurate wheel alignment and smooth straight-line driving. The digitally integrated steering wheel level in BMW Q.Lign records the steering wheel position objectively and monitors it continuously during the entire alignment process. Even when the vehicle is raised and the steering wheel is out of sight, you receive continuous visual feedback. This prevents unnoticed movements and eliminates the need for rework at the end of the alignment. This ensures consistent results, greater process reliability, and complete documentation in the inspection report.

Digital Bluetooth steering level gauge in the scope of deliveries
Order number: 1 693 770 619

1. Objective instead of subjective

The steering wheel position is measured digitally, for clear results – measurable and fully traceable.

2. Continuous monitoring throughout the entire measurement process

The steering wheel position is continuously monitored digitally, even when the vehicle is lifted. Changes are immediately visible, which eliminates unnecessary lowering of the lift.

3. Complete documentation

The measured steering wheel position is automatically recorded in the printout. More transparency, less guesswork.

Precision without the extra work:
The automatic height measurement eliminates manual weight loading.

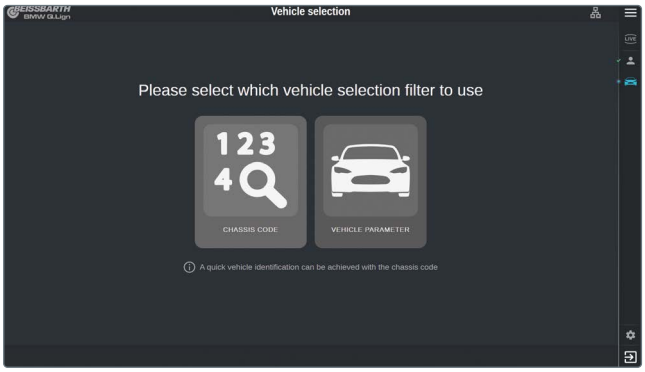
BMW Q.Lign measures the vehicle's ride height automatically using special markers, and calculates all target values for wheel alignment in real time. This eliminates the need for manually loading the vehicle with weights. Since adjustments to the suspension can affect the vehicle's height, the system continuously monitors these changes and automatically updates the target values during the alignment process.

No hassle, just results

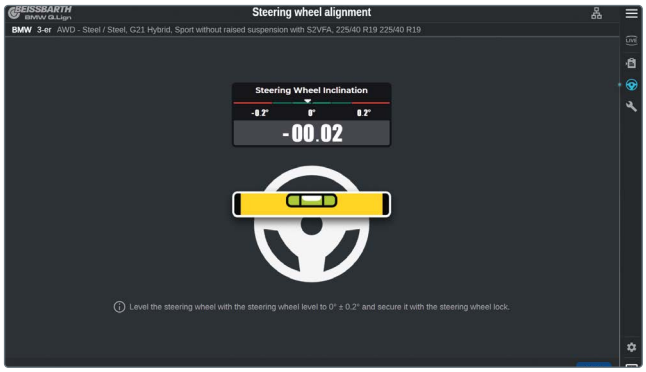
- No manual measurement of ride heights
- No typing each height value
- No time-consuming loading and unloading of the vehicle with weights

Place, measure, done!

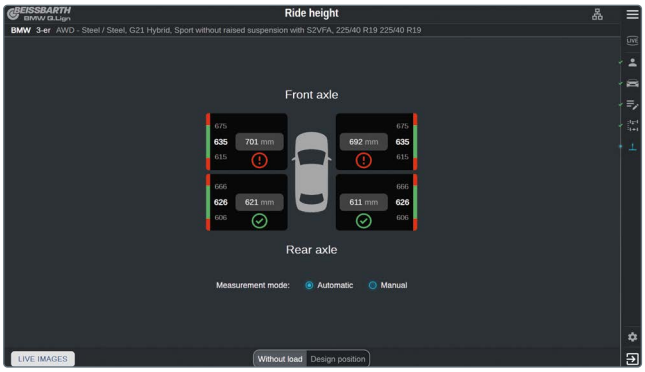
BMW Q.Lign software:
Wheel alignment made easy



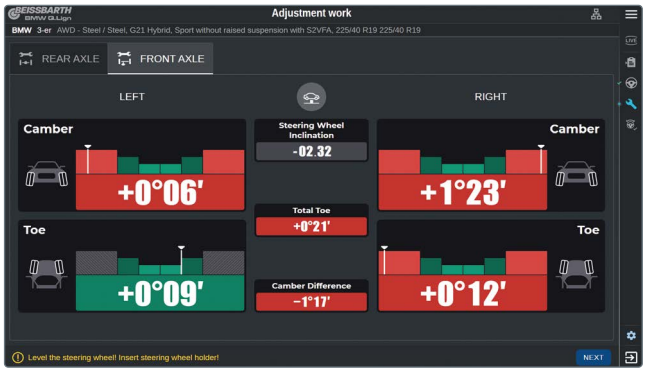
Faster vehicle selection with BMW chassis code



Automatic steering wheel level measurement and transfer

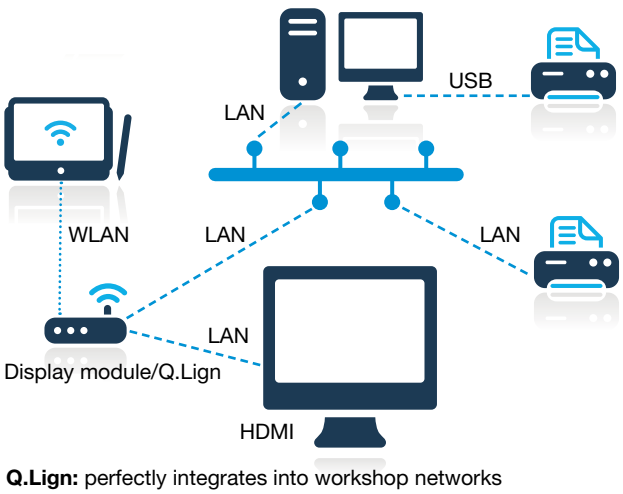


Automatic ride height measurement and transfer



Intuitive adjustment illustrations with real-time steering wheel level

BMW Q.Lign platform:
More performance through connectivity



Q.Lign: perfectly integrates into workshop networks

Connecting BMW Q.Lign into the workshop network enables:

- Direct access to all measurements across the entire workshop network
- Direct download of PDF printouts for sharing with insurance companies or customers
- View measurements on a tablet or monitor to discuss them directly with the customer on site
- Use of network printers to minimize walking distances and costs
- Permanent supply of program updates over the air (OTA) *(in preparation)*

Scope of delivery:

Standard accessories	BMW Q.Lign with BMW quick clamps 1 690 200 009	BMW Q.Lign with magnetic clamps 1 690 200 027
BMW Q.Lign sensor head (2 x)	●	●
Display module with BMW software	●	●
Wheel clamps	4 x BMW quick clamps with 120 mm distance bolts	4 x magnetic clamps with 100 mm magnets
Targets with AutoID (4 x)	●	●
Android tablet with sleeve	●	●
Brake lock steering wheel lock	●	●
Turntable, front (for maximum turns)	2 x electronic turntable including filling pieces	2 x electronic turntable including filling pieces
Turntable cover	●	●
Wall storage for sensor heads and charging station	●	●
Li-Ion-batteries and charging station	●	●
Lift adapter inground (2x)	●	●
Steering level gauge (Bluetooth)	●	●
BMW Group vehicle specs	●	●
Vehicle specs international	●	●
Wall storage for wheel clamps	●	●
Ride height markers	●	●

Note: The delivery scope includes turntables for the front axle only. For alignment lifts without installed slip plates for the rear axle, two additional turntables (1 690 401 028) are required for the rear axle. When using the magnetic clamps, each turntable must be equipped with two filler pieces for rolling rim runout compensation.

BMW quick clamps:

- Only for original BMW rims with alignment drillings 4 x 100 mm and 5 x 120 mm.
- Include 5 x distance bolts with 120 mm length.
- Enable runout-free measurement without need to perform runout compensation

Order number (1 pc): 1 690 801 001

Magnetic clamp, 100 mm:

- For all rims with 3 / 4 / 5 / 6 PCD Ø 98-140 mm
- Magnet requires ferritic wheel bolts
- Runout compensation is mandatory
- With longer 100 mm magnets for rims with high offset

Order number (4 pcs): 1 690 701 521

Technical Data:

Description	BMW Q.Lign
Wheelbase	1,800 – 5,000 mm
Measurement and adjustment at lift height	Any height from bottom to top
Electrical supply	100 – 230 V | 1 Ph | 50 – 60 Hz
Power	45 W
Battery runtime	>19 h
Lift adaptation	Adds min. 12 mm to outside of lift
Max. capacity turntable	2,000 kg

Optional accessories:

Trolley with 27“ monitor, mouse and keyboard
Order number: 1 690 201 152

Accessory trolley for OE-clamps, steering and brake lock
Order number: 1 690 101 127

Accessory trolley for magnetic clamps, steering and brake lock
Order number: 1 690 101 128

Mechanical aluminium turntable Precision for rear axle (2 t capacity)
Order number (1 pc): 1 690 401 028

Filling piece for aluminium turntable for rolling runout compensation.
Order number (1 pc): 1 690 102 211

Printer for trolley
USB inkjet printer
Order number: 1 693 770 415

Order number 1 693 613 028 **Print number** BB XXX/13.02.2026 EN Subject to technical and program changes. Binding offers from your Beissbarth sales partner.

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