

Q.LIGN

WHEEL ALIGNMENT WITH A SYSTEM



ONLY BY BEISSBARTH

Q.Lign: Fast, mobile, intuitive

Full mobility, infinite possibilities

- Completely wireless thanks to high performance Li-ion batteries
- Quick positioning of sensor heads on lift or floor
- Full control via tablet, also from under the vehicle
- No trolley, no column – frees up workshop space

Q.Lign and Q.DAS – wheel alignment and ADAS calibration both in one

- Wheel alignment and ADAS calibration on the same alignment bay without moving the vehicle
- Highly precise positioning using cameras instead of lasers and blump bobs
- Automatic compensation of clamping errors, runout and height offsets
- Fully documentable for third parties



Find out more!

Everything in perfect view

- 4 OLED-displays show toe, camber and caster values from under the vehicle
- Dedicated camera for the rear axle for more accurate calculations of front toe values
- Perform alignments at any height from 0 to 2 m

Active reference system: the secret of straight steering wheels

- Realtime 3D compensation between left and right sensor head at any second
- Compensates movements and vibrations
- MEMS technology for more reliable measurements at different heights

Work smarter, not harder

- Measure with any target on any wheel to save time and reduce errors
- Caster sweep at zero level eliminates need for standing on the lift or a ladder mid-height
- Remote access to PDF protocols over the network
- Easy-to-understand customer printouts

Scope of delivery:

Description	Q.Lign
Order number	1 690 200 001
Wheel base	1,800–4,500 mm
Alignments at different heights	0–2,000 mm
Q.Grip wheel diameter	525–835 mm
Power supply	100–230 V 1 Ph 50–60 Hz
Power consumption	45 W
Weight	80 kg
Packaging LxWxH	1,080x960x900 mm

Standard scope of delivery	Q.Lign
Q.Lign sensor heads (2x)	●
Display module	●
Q.Grip wheel clamps (4x)	●
Targets with AutoID (4x)	●
Android tablet with protective cover	●
Brake lock and steering wheel lock	●
Turntable with filling pieces (2x)	●
Wall storage	●
Li-Ion batteries with charging station	●



Q.Lign and Q.DAS:
Wheel alignment and ADAS calibration in one

Intuitive Printouts

BEISSBARTH
Messbar Besser

Customer and Vehicle: Alpine 3er G 2.1 A AWD - Steer / Serv. 259/35 8.5x19 255/35 8.5Jx19 [003441]

Alignment Check: Camber (Left: -0°30', Right: -0°35'), Toe (Left: +0°03', Right: +0°02'), Total Toe Front: +0°05', Total Toe Rear: +0°05', Thrust Angle: +0°00'.

Body Dimensions Check: Wheelbase, Track, etc.

Wheel Offset: Front (-1 mm), Rear (+0 mm), Side (Left: +0 mm, Right: +0 mm), Angle (Center: +0 mm).

- Easy-to-understand printouts
- Tabular or graphical
- Protocol with cross-diagonal measurements for insurance companies
- Access to PDFs from anywhere inside the workshop

Wheel alignment with a system: Alignment, ADAS, headlights in one go

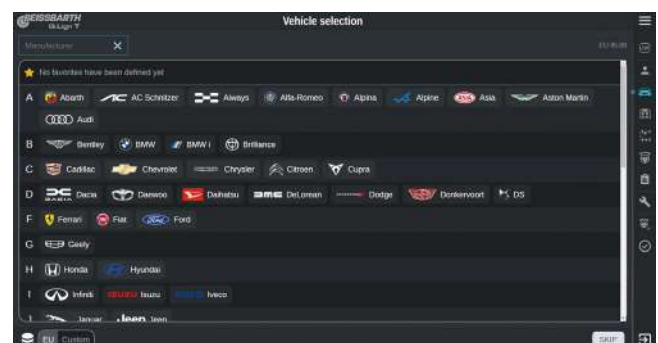
- Fast integration of Q.DAS for ADAS calibration
- Permanently free space for headlight adjustments
- No moving of cameras, always ready-to-go
- No trolley, no columns
- Full control via tablet
- Wheel alignments at any height
- Wheel bases up to 4,500 mm
- Q.Grip wheel clamps mounted in seconds



Q.Grip: Clamping faster than everyone else



Q.Lign: Clear display of values and adjustment aids



Q.Lign: Easy vehicle selection