

Dialogannahme

**BMW**

Version 2024.05.06 – Prices on request

## Wheel aligner KDS 3D | for BMW

Wheel Alignment with 3D technology - High speed, high precision and easy to use | Cable version | with cabinet, HighPerformance PC, 27" monitor and printer | incl. lift adapter, turntable Precision for front and rear axle, ride height markers and OEM magnetic clamps with longer magnets

**Article number: 1 690 700 011**



### High measuring accuracy and precision for top results

- The combination of the Beissbarth stereo camera measurement system with active reference system and sophisticated software ensures the accurate determination of measured values.

### Perfectly integrated into ADAS calibration and head light testing:

- The space in front of the lift can be used for the ADAS calibration jig and head light tester

### Highly repeatable initial measurement

- Rolling or driving run-out compensation at ground level
- Three selectable measurement routines: program-driven, quick measurement, choice-free access to single-value check

### 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
- ASA network ready

### Easy and live ride height measurement with easy to attach ride height targets

- Ride height measured automatically
- Ride height measured permanently during alignment
- Automatic adjustment of vehicle specs according to ride height information

- Sensor heads can be easily detached from the lift when not in use to clear up space
- Beissbarth DualView camera system for ultimate control, especially of complex chassis
- No fixed position for targets on the vehicle eliminates room for error
- Plug & play: no calibration required for installation or for exchanging targets
- Extensive Beissbarth vehicle database including alignment helps directly from the OEMs
- Quality Made in Germany
- Cable version

### Scope of delivery:

- Sensor head with DualView camera technology
- Target boards
- Ride height markers universal with transportation case
- Ride height markers for Mini / Z3 / Z4
- Vehicle specs database with additional BMW Professional data
- Cabinet
- HighPerformance PC
- 27" Monitor
- Printer
- OEM magnetic clamps with longer magnets
- Lift adapter
- Precision Turntable for front and rear axle
- Remote control
- Brake pedal depressor and steering wheel holder

Please note: the cable set for installation needs to be purchased separately, depending on the lift type The KDS 3D only allows the use of magnetic clamps. The use of other wheel clamp solutions in combination with the KDS 3D is not approved by the BMW Group.

## Wheel aligner KDS 3D WLAN | for BMW

Wheel Alignment with 3D technology - High speed, high precision and easy to use | WLAN version | with cabinet, HighPerformance PC, 27" monitor and printer | incl. lift adapter, turntable Precision for front and rear axle, ride height markers and OEM magnetic clamps with longer magnets

Article number: 1 690 700 068



### High measuring accuracy and precision for top results

- The combination of the Beissbarth stereo camera measurement system with active reference system and sophisticated software ensures the accurate determination of measured values.

### Perfectly integrated into ADAS calibration and head light testing:

- The space in front of the lift can be used for the ADAS calibration jig and head light tester

### Highly repeatable initial measurement

- Rolling or driving run-out compensation at ground level
- Three selectable measurement routines: program-driven, quick measurement, choice-free access to single-value check

### 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
- ASA network ready

### Easy and live ride height measurement with easy to attach ride height targets

- Ride height measured automatically
- Ride height measured permanently during alignment
- Automatic adjustment of vehicle specs according to ride height information

- Sensor heads can be easily detached from the lift when not in use to clear up space
- Beissbarth DualView camera system for ultimate control, especially of complex chassis
- No fixed position for targets on the vehicle eliminates room for error
- Plug & play: no calibration required for installation or for exchanging targets
- Extensive Beissbarth vehicle database including alignment helps directly from the OEMs
- Quality Made in Germany
- Wifi version

### Scope of delivery:

- Sensor head with DualView camera technology
- WLAN/Bluetooth communication box
- Target boards
- Ride height markers universal with transportation case
- Ride height markers for Mini / Z3 / Z4
- Vehicle specs database with additional BMW Professional data
- Cabinet
- HighPerformance PC
- 27" Monitor
- Printer
- OEM magnetic clamps with longer magnets
- Lift adapter
- Precision Turntable for front and rear axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Cable set 7,5m

The KDS 3D only allows the use of magnetic clamps. The use of other wheel clamp solutions in combination with the KDS 3D is not approved by the BMW Group.

## Wheel aligner KDS 3D | for BMW | without PC components

Wheel Alignment with 3D technology - High speed, high precision and easy to use | Cable version | with cabinet | incl. lift adapter, turntable Precision for front and rear axle, ride height markers and OEM magnetic clamps with longer magnets | without HighPerformance PC, 27" monitor and printer

Article number: 1 690 700 126



### High measuring accuracy and precision for top results

- The combination of the Beissbarth stereo camera measurement system with active reference system and sophisticated software ensures the accurate determination of measured values.

### Perfectly integrated into ADAS calibration and head light testing:

- The space in front of the lift can be used for the ADAS calibration jig and head light tester

### Highly repeatable initial measurement

- Rolling or driving run-out compensation at ground level
- Three selectable measurement routines: program-driven, quick measurement, choice-free access to single-value check

### 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
- ASA network ready

### Easy and live ride height measurement with easy to attach ride height targets

- Ride height measured automatically
- Ride height measured permanently during alignment
- Automatic adjustment of vehicle specs according to ride height information

- Sensor heads can be easily detached from the lift when not in use to clear up space
- Beissbarth DualView camera system for ultimate control, especially of complex chassis
- No fixed position for targets on the vehicle eliminates room for error
- Plug & play: no calibration required for installation or for exchanging targets
- Extensive Beissbarth vehicle database including alignment helps directly from the OEMs
- Quality Made in Germany
- Cable version

### Scope of delivery:

- Sensor head with DualView camera technology
- Target boards
- Ride height markers universal with transportation case
- Ride height markers for Mini / Z3 / Z4
- Vehicle specs database with additional BMW Professional data
- Cabinet
- OEM magnetic clamps with longer magnets
- Lift adapter
- Precision Turntable for front and rear axle
- Remote control
- Brake pedal depressor and steering wheel holder

Please note: the cable set for installation needs to be purchased separately, depending on the lift type The KDS 3D only allows the use of magnetic clamps. The use of other wheel clamp solutions in combination with the KDS 3D is not approved by the BMW Group. Version with PC, monitor, printer

## Wheel aligner KDS II | for BMW

BMW KDS II - for precise vehicle measurement | with CCD-Technology and wireless data transfer (433 Mhz) | with cabinet, HighPerformance PC, 27" monitor and printer | incl. emergency cable set for sensor heads, 4 turntables Precision, spoiler adapter Precision and quick clamps

**Article number: 1 690 500 010**



### Perfectly integrated into ADAS calibration and head light testing:

- The space in front of the lift can be used for ADAS calibration boards and head light tester

### Best in class: Highest measurement 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
- 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 BMW Professional data
- Cabinet with HighPerformance PC
- 27" monitor
- Printer
- BMW quick clamps with distance pins
- Precision spoiler adapter 50mm
- Precision turntables with electronics (for maximum steer) for front axle
- Precision turntables without electronics for rear axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Emergency cable set for sensor heads

The KDS II only allows the use of BMW quick clamps. The use of other wheel clamp solutions in combination with the KDS II is not approved by the BMW Group.

## Wheel aligner KDS II Flex | for BMW

BMW KDS II Flex - for precise vehicle measurement | with CCD-Technologie and wireless data transfer (2.4 Ghz) | with cabinet (without PC, printer, and monitor) | incl. emergency cable set for sensor heads, 2 turntables Precision, spoiler adapter Precision and quick clamps

**Article number: 1 690 500 102**



### Perfectly integrated into ADAS calibration and head light testing:

- The space in front of the lift can be used for ADAS calibration boards and head light tester

### Best in class: Highest 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
- 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 BMW Professional data
- Cabinet (without PC, printer, and monitor)
- BMW quick clamps with distance pins
- Precision spoiler adapter 50 mm
- Precision turntables with electronics (for maximum steer) for front axle
- Precision turntables without electronics for rear axle
- Remote control
- Brake pedal depressor and steering wheel holder
- Emergency cable set for sensor heads

The KDS II only allows the use of BMW quick clamps. The use of other wheel clamp solutions in combination with the KDS II is not approved by the BMW Group.

# Roller set BD 620 | with ASA Livestream | without axle load scale

400V/3Ph/50Hz | 5.2km/h | 3,7kW | without axle load scale | with ASA Livestream

**Article number: 1 691 600 451**



## Passenger car brake tester BD 620

- Automatic operator prompting – no remote control, no keyboard commands
- Reference database, vehicle history and guide values
- Print-out of vehicle faults with graphical presentation
- Flexible line lengths for easy installation in dialog reception areas (even with suspension tester)
- Up to 4t axle load and track widths of 800 - 2,200 mm
- BNet device bus connects master switch box to roller set and PC trolley
- Control and power electronics integrated into roller set
- Strain gauge measurement system for maximum precision
- Galvanised roller set: Suitable for outdoor installation
- Super automatic mode with test sequence for service and parking brake systems
- Electromagnetic brake for gentle drive-off
- Brake rollers with plastic/corundum coating: Long service life and firm tyre grip
- Rear test roller elevated by 25 mm: Ideal test conditions
- Robust slip roller unit also suitable for drive-through installation

To display results, the BD 620 needs to be combined with a PC-based operating console or with an analog display.

## Roller set BD 620 | with ASA Livestream | with axle load scale

400V/3Ph/50Hz | 5.2km/h | 3,7kW | with axle load scale | with ASA Livestream

**Article number: 1 691 600 452**



### Passenger car brake tester BD 620

- Automatic operator prompting – no remote control, no keyboard commands
- Reference database, vehicle history and guide values
- Print-out of vehicle faults with graphical presentation
- Flexible line lengths for easy installation in dialog reception areas (even with suspension tester)
- Up to 4t axle load and track widths of 800 - 2,200 mm
- BNet device bus connects master switch box to roller set and PC trolley
- Control and power electronics integrated into roller set
- Strain gauge measurement system for maximum precision
- Galvanised roller set: Suitable for outdoor installation
- Super automatic mode with test sequence for service and parking brake systems
- Electromagnetic brake for gentle drive-off
- Brake rollers with plastic/corundum coating: Long service life and firm tyre grip
- Rear test roller elevated by 25 mm: Ideal test conditions
- Robust slip roller unit also suitable for drive-through installation

To display results, the BD 620 needs to be combined with a PC-based operating console or with an analog display.



## Roller set BD 620 | without axle load scale

400V/3Ph/50Hz | 5.2km/h | 3,7kW | without axle load scale

**Article number: 1 691 600 403**



### Passenger car brake tester BD 620

- Automatic operator prompting – no remote control, no keyboard commands
- Reference database, vehicle history and guide values
- Print-out of vehicle faults with graphical presentation
- Flexible line lengths for easy installation in dialog reception areas (even with suspension tester)
- Up to 4t axle load and track widths of 800 - 2,200 mm
- BNet device bus connects master switch box to roller set and PC trolley
- Control and power electronics integrated into roller set
- Strain gauge measurement system for maximum precision
- Galvanised roller set: Suitable for outdoor installation
- Super automatic mode with test sequence for service and parking brake systems
- Electromagnetic brake for gentle drive-off
- Brake rollers with plastic/corundum coating: Long service life and firm tyre grip
- Rear test roller elevated by 25 mm: Ideal test conditions
- Robust slip roller unit also suitable for drive-through installation

To display results, the BD 620 needs to be combined with a PC-based operating console or with an analog display.

## Wheel Alignment

---



### Wheel aligner KDS 3D | for BMW

Article number: 1 690 700 011



### Wheel aligner KDS 3D WLAN | for BMW

Article number: 1 690 700 068



### Wheel aligner KDS 3D | for BMW | without PC components

Article number: 1 690 700 126



### Wheel aligner KDS II | for BMW

Article number: 1 690 500 010



### Wheel aligner KDS II Flex | for BMW

Article number: 1 690 500 102



### Roller set BD 620 | with ASA Livestream | with axle load scale

Article number: 1 691 600 452



### Roller set BD 620 | without axle load scale

Article number: 1 691 600 403

## Brake Testing

---



### Roller set BD 620 | with ASA Livestream | without axle load scale

Article number: 1 691 600 451

# IMPORTANT NOTES

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

## VERSION 2024.05.06 – 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](http://www.beissbarth.com).

**Order number** 1 693 602 008 **Print norm** BB XXX / XX.XX.2020 DE · Subject to technical and program changes, errors excepted.

### Beissbarth Automotive Testing Solutions GmbH

Hanauer Straße 101  
80993 Munich, Germany  
[sales@beissbarth.com](mailto:sales@beissbarth.com)  
[www.beissbarth.com](http://www.beissbarth.com)

Telefon: +49-(0)89-14901-0  
Telefax: +49-(0)89-14901-246

