



## WHEEL ALIGNMENT

# 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

## Description

### 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.*

## Technical Data

Operating temperature	5 - 40 °C
Electrical connection	120 - 220 V   50 - 60 Hz
Data transmission type	- cordless
Measuring system	- 3D
Power	0,5 kW
Storage temperature	-20 - 60 °C
Relative humidity, use	(40 °C) 10 - 90 %
Height cabinet	1520 mm
Width cabinet	880 mm
Depth cabinet	770 mm
Weight cabinet	100 kg
Height sensor head	130 mm
Width sensor head	320 mm
Depth sensor head	630 mm
Weight sensor head	9,3 kg
Height WLAN box	627 mm
Width WLAN box	250 mm
Depth WLAN box	131 mm
Weight WLAN box	7,4 kg
Degree of protection WLAN box	IP 54

## Accessories

1 690 002 015	Vehicle database update Cars & Vans Europe   Key Card
1 690 701 132	Ride height markers BMW   KDS 3D models
1 690 701 095	Special ride height markers BMW   Mini / Z3 / Z4
1 690 701 236	Replacement adhesive pads for BMW ride height markers   small
1 690 701 228	Replacement adhesive pads for BMW ride height markers   large
1 690 401 028	Mechanical aluminum turntable Precision
1 690 402 001	Protective rubber cover for aluminum turntable
1 690 701 052	Drive-on ramps for two aluminum turntables
1 690 401 008	Drive-on ramps for turntables and sliding plates
1 690 701 503	Lift adapter extension from one to two positions
1 690 701 123	Special lift adapter for Beissbarth / Consul
1 690 701 311	Special lift adapter Extension for Beissbarth / Consul
1 690 701 020	Special lift adapter for lifts with U-profile
1 690 701 523	Extension magnet for magnetic holder   100 mm   1 pc.
1 690 701 032	Target boards 340 cm

1 690 701 127	Extension for vehicles with narrow track width (Smart)
1 690 711 005	Standard target board for Easy 3D
1 690 701 205	Cable set 7.5 m / 7.5 m
1 690 701 029	Cable set 12 m / 12 m
1 690 701 030	Cable set 15 m / 15 m
1 690 701 163	Cable set 25 m / 25 m
1 690 401 006	Brake pedal depressor
1 690 401 007	Steering wheel holder
1 690 701 045	Step protection for Easy 3D