

VIN: V253261

REP-REP-RAF0132-3200155 REP-REP-RAF0132-3200155 - KDS wheel alignment check with ride height measurement without vehicle load - V.26, VIN: V253261

ISTA system version	4.08.13.21258	Data version	R4.08.13	Programming data	-
VIN	V253261	Vehicle	2'/F22/Coupe/M235i/N55/AUTO/US/LL/2014/05		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

32 00 155
alignment check with ride height measurement without vehicle load

KDS wheel



Attention!

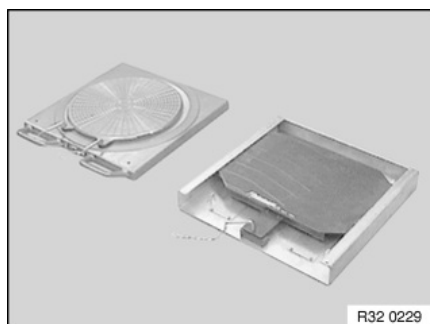
Do not perform wheel alignment with the vehicle unladen.

- If the technical prerequisites for alignment with ride height input are not fulfilled
- If the vehicle in question is a damaged vehicle



Note:

- Read and comply with [General information and definitions](#).
- Read and comply with [General chassis definition](#).
- Update [KDS data states](#)
- Check compliance with [test conditions](#), repair vehicle if necessary.



- If necessary, prepare vehicle hoist.
 - Drive vehicle onto vehicle hoist.
- Note: The front and rear wheels must be positioned centrally on the rotary and sliding plates.

Note: Rotary and sliding plates can vary from the graphic depending on the manufacturer!



Note:

- Vehicles with active steering:
Start up active steering prior to wheel alignment.
On vehicles with rear axle slip angle control: Service function "Moving HSR actuator to centre position" is included in active steering start-up.

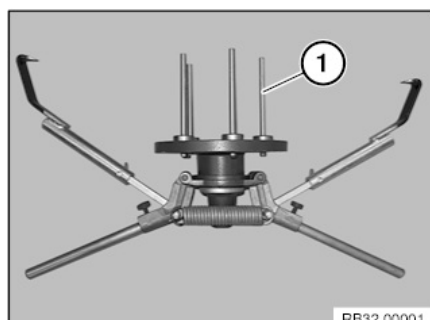
Attach pickup/ride height marks to vehicle (observe specifications from the various equipment manufacturers).

Attention!

Use only quick connectors with poly control pins (1).

Due to excessive measuring inaccuracy, other quick-clamping units are not permitted!

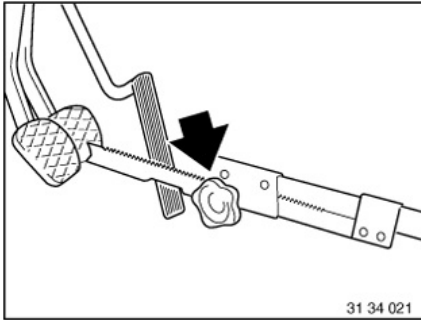
Illustration of KDSII pick-up!





- Enter customer and vehicle data
- Identify equipment specification of the chassis and suspension and select vehicle
- Enter tyre inflation pressure and tread depth
- Measure [vehicle ride height](#) with tape measure (only Beissbarth KDSII wheel alignment equipment)

If the ride height is outside the tolerance range (+40/-20 mm), load or unload the vehicle accordingly to adjust the vehicle in this ride-height window.



- Install the brake pedal tensioner.



- Remove locking pins from both rotating and sliding plates.
- Perform wheel alignment according to the instructions of the equipment manufacturer.
- If necessary, adjust [front axle and rear axle](#).
- Perform wheel alignment according to the instructions of the equipment manufacturer.
- Save and print out test record.
- Insert locking pins into both rotary and sliding plates.
- Remove pickup/ride height marks from vehicle (observe specifications from the various equipment manufacturers).