

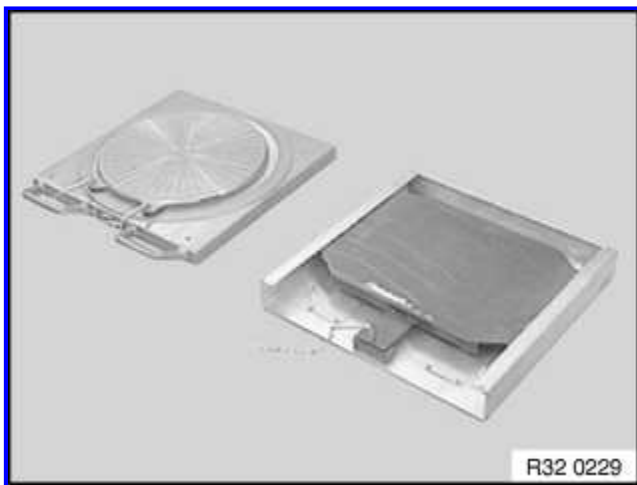
32 00 155**KDS wheel alignment check with ride height measurement without vehicle load****Important!**

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 plates may vary from illustration depending on the manufacturer!

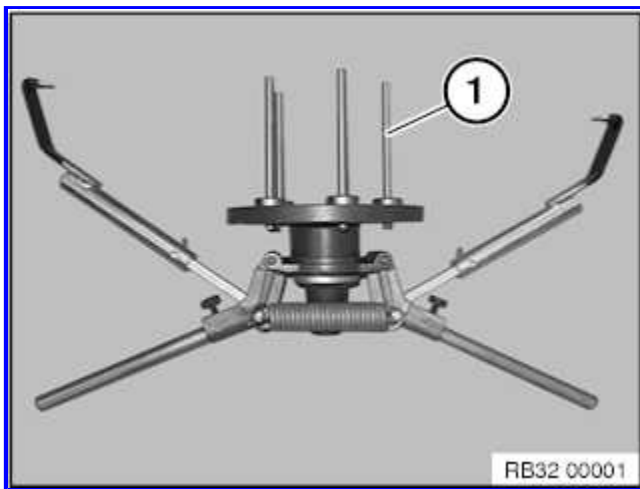
Note:

- 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).

Important!

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

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

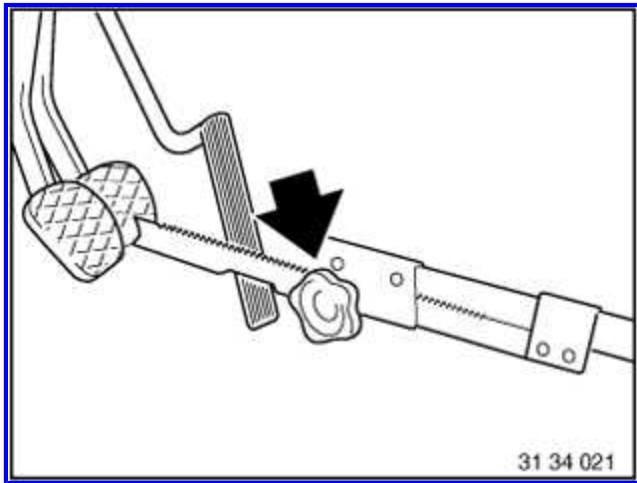
Illustration of KDSII pick-up!



- Enter customer and vehicle data
- Identify chassis version 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 vehicle accordingly to adjust the vehicle in this ride-height window

- Install brake tensioner.



- Remove locking pins from both rotary and sliding plates.
- Perform input measurement in accordance with equipment manufacturer's instructions.
- If necessary, adjust [front axle and rear axle](#)
- Perform output measurement in accordance with equipment manufacturer's instructions.
- Save and print out test record.
- Insert locking pins into both rotary and sliding plates
- Remove chassis/wheel alignment system