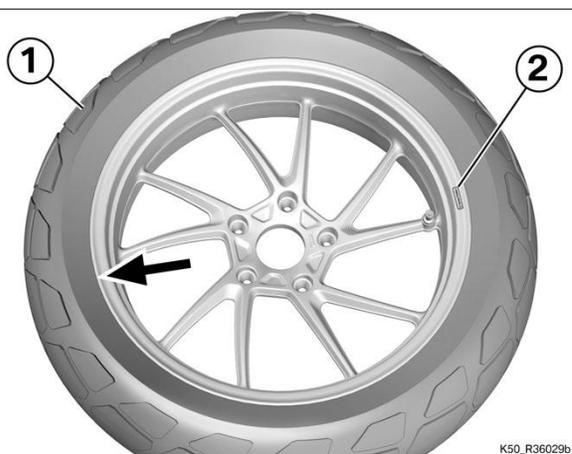


36 32 511 Removing rear tyre (wheel removed)

Equipment trim-level variant:

0530 - Tyre pressure control (RDC)^{OE}



K50_R36029b

Core activity

(-) Changing rear tyre

► Removing rear tyre

ATTENTION

Use of hard or sharp-edged objects in proximity to component

Component damage

- Take care not to scratch components; cover or mask as necessary.

- Pry tyre (1) off opposite (arrow) the valve/tyre pressure monitoring (RDC) sensor.
- Apply the lever to the rim at RDC sticker (2), to prevent the tyre bead from damaging the RDC sensor.
- Remove tyre (1) with commercially available tools.



► Checking battery for rear RDC sensor

Check

- Check the battery for RDC sensor (1) with RDC test tool (No. 61 1 673).



K52_R36018b

Result:

- Battery is too weak.

Measure:

=> 36 20 555, Replacing rear RDC sensor (tyre removed) (Billed as a separate item)



► Installing rear tyre

- Hold the tyre in position, noting the RDC sensor.

ATTENTION

Use of hard or sharp-edged objects in proximity to component

Component damage

- Take care not to scratch components; cover or mask as necessary.

- Install the tyre in accordance with the manufacturer's instructions, using commercially available tools. Make sure that the direction-of-rotation arrows on tyre and rim point in the same direction.
- Manufacturer-specific tyre mark for imbalance must be toward the valve.
- Inflate the tyre to test pressure.

Check

- Check the valve for leaks.

 Technical data			
Wheel valve test pressure		4 bar	

Result:

- Valve is leaking.

Measure:

- Replace the valve insert.

Result:

- Valve is leaktight.

Measure:

- Correct the tyre pressure.

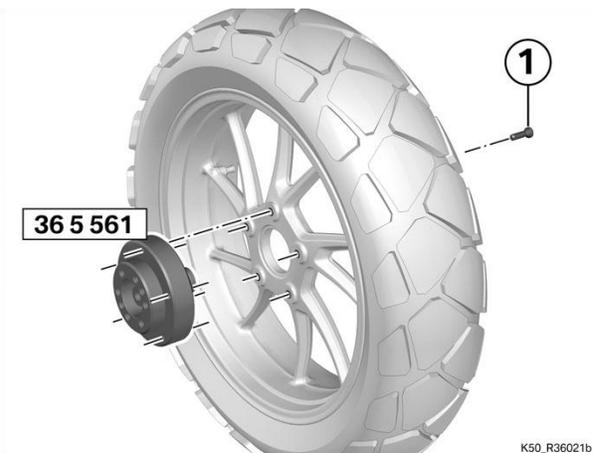
 Technical data			
Tyre pressure, rear	tyre cold	2.9 bar	

- Check the tyre and make sure the line is at a uniform distance from the rim flange all the way round.

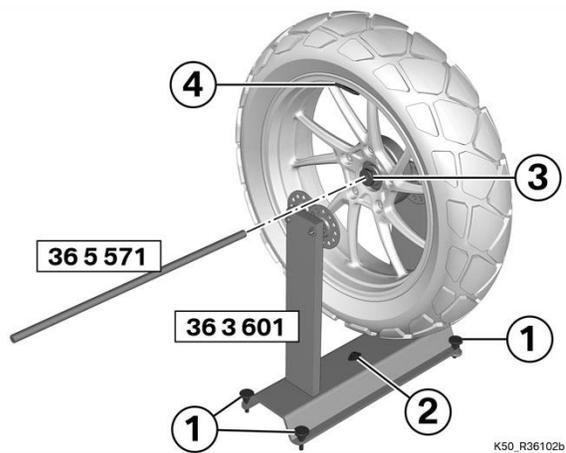


(-) Statically balancing rear wheel

- Install balancing adapter (No. 36 5 561) with wheel studs (1).



- Align balancer (No. 36 3 601) with knurled screws (1) and level gauge (2).
- Introduce balancing shaft (No. 36 5 571) into the rear wheel and secure it with tensioning device (3).
- Place the rear wheel on the balancer and allow it to come to rest.
- Clean the attachment points for the adhesive weights.
- Affix adhesive weights (4) **opposite the heaviest point of the wheel.**



K50_R36102b



Technical data

Permissible rear-wheel imbalance		max 45 g	
Balance weight for rear wheel		max 80 g	
Weights have to be affixed with one half on the left and one half on the right, in other words centred on the rim			

- Repeat the balancing procedure as a check.