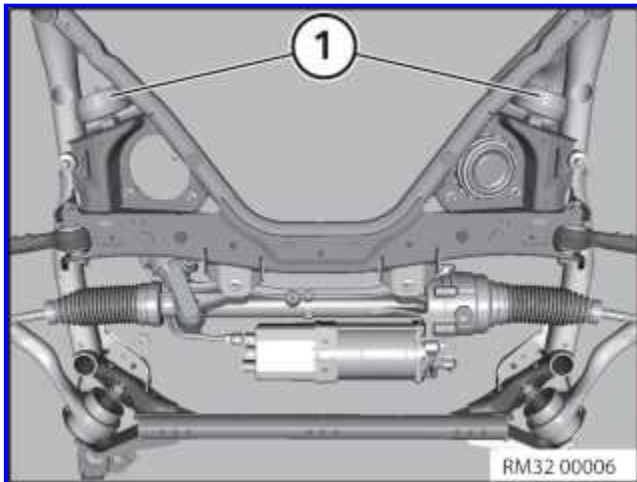


36 10 300**Remove or install front or rear wheel****Special tools required:**

- 36 1 300
- 81 25 2 344 011
- 36 1 335
- 36 1 010

**Note:**

From 02/2013 vibration absorbers (1) are installed on vehicles with rear-wheel drive and run-flat tyres!

**Important!**

Wheel was balanced electronically.

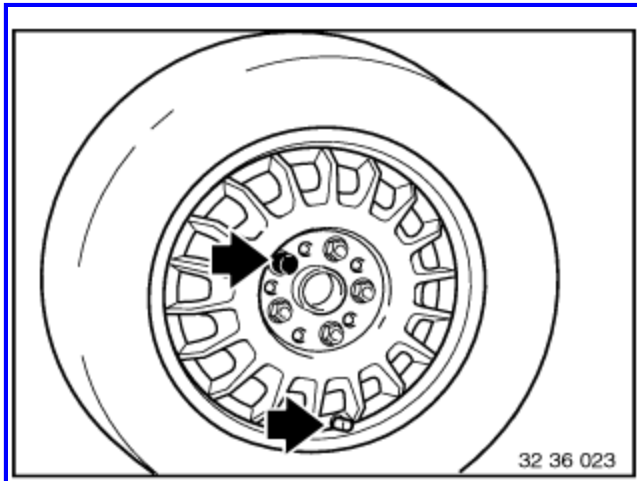
Observe safety information on raising the vehicle.

Adhere to the instructions on initializing the Run Flat Indicator (RPA).

When fitting all four wheels (e.g. when changing from summer to winter wheels), check the tyre pressure.

To avoid tyre damage, advise the customer to check the tyre pressures on a regular basis (see operating instructions).

Observe the following procedure to prevent clamping errors and imbalance:



- Loosen wheel studs.
- Wheel positioned with valve facing down.
- If several wheels are simultaneously removed, mark installation position of wheels on tyres (e.g. with a piece of chalk).
- Mark out wheel to wheel hub.
- Mark out lockable wheel stud in relation to wheel.
- Unscrew wheel studs. Remove wheel.



Important!

Contact surfaces between:

- brake disc and disc wheel,
- brake disc and wheel hub,

must be clean and free from grease.

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Remove dirt, grease residues and corrosion from contact surface with a drill and special tool 81 25 2 344 011.

Important!

Do not operate special tool 81 25 2 344 011 with an impact screwdriver!

Note:

Degrease contact surface with universal cleaner, refer to BMW Parts Department.

Note:

If there are grease residues in the area of the wheel stud hole, the brake disc must be removed and cleaned.

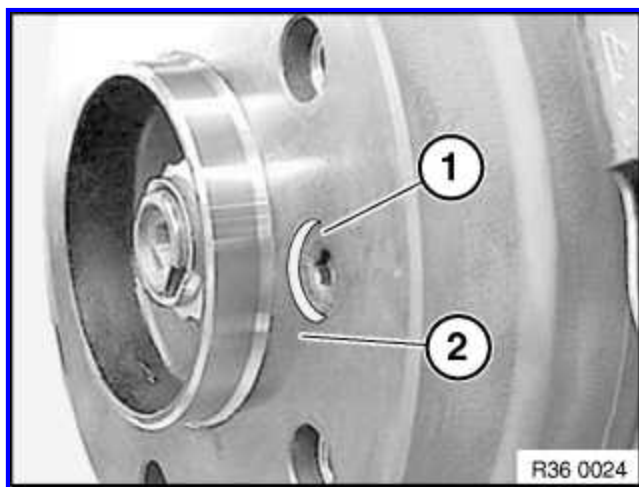
Remove dirt, grease residues and corrosion from contact surface (1) with a drill and special tool 81 25 2 344 011.

**Important!**

Do not operate special tool 81 25 2 344 011 with an impact screwdriver!

Note:

Degrease contact surface with universal cleaner, refer to BMW Parts Department.



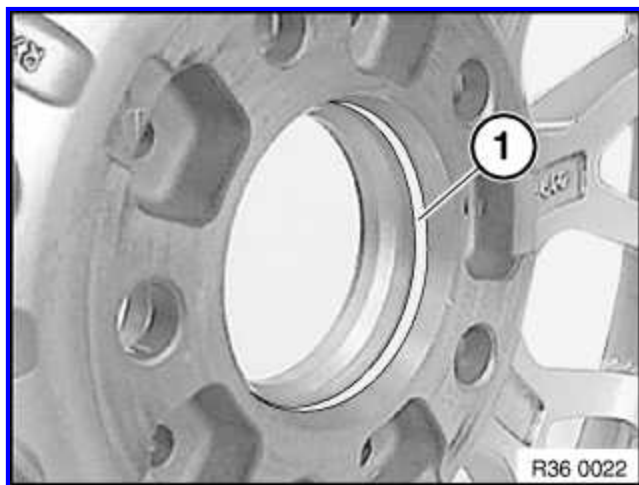
Check brake disc retaining bolt (1) for tight fit.

Important!

Mounting bolt (1) must not under any circumstances protrude over contact surface (2) between brake disc and disc wheel.

Tightening torque brake disc retaining bolt:

- Front axle [34 11 1AZ](#)
- Rear axle [34 21 1AZ](#)



Apply a thin coat of [grease](#) to wheel centring (1) in disc wheel.

Note:

To release and tighten lockable wheel bolts, use a matching adapter from special tool 36 1 300, 36 1 335 or 36 1 010.



Clean wheel studs and check threads for damage, replace, if necessary.

Replace rusty wheel studs.

Important!

Do not apply oil to wheel studs.



Important!

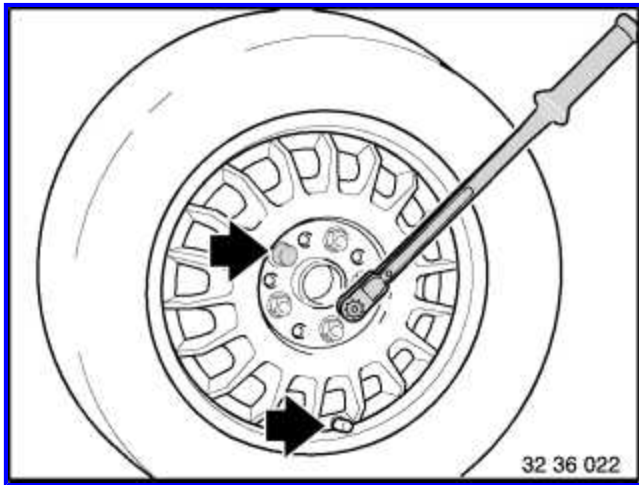
Under no circumstances use pneumatic or electric screwdrivers to install and tighten the wheel studs.

Important!

Disc wheel must rest uniformly against brake disc.

In the case of non-original BMW wheel studs/rims it may be necessary to retighten the wheel studs on account of setting properties (refer to manufacturer's documents).

Fit wheel studs and evenly tighten crosswise by hand in order



to centre the disc wheel.

Tighten down wheel studs in crosswise sequence with a calibrated torque wrench to prescribed tightening torque [36 10 1AZ](#).