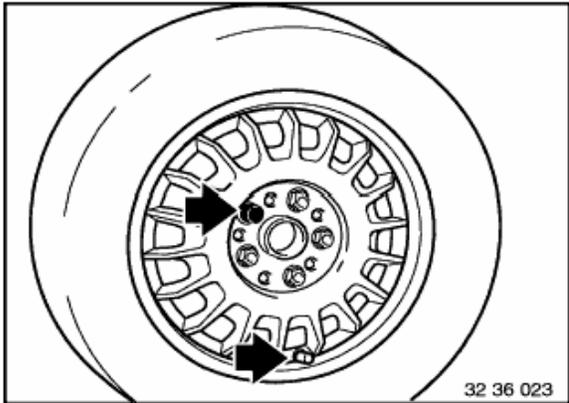


Important!

Wheel was balanced electronically.

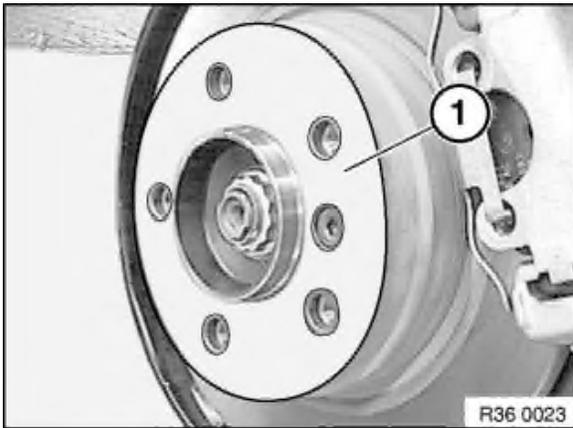


To avoid tensioning errors and imbalance, proceed as follows:

- Loosen wheel bolts.
- Wheel positioned with valve facing down.
- If several wheels are removed at the same time, mark installation location of wheels on tires with chalk.
- Mark out wheel to wheel hub.
- Mark out lockable wheel bolt to wheel.
- Release wheel bolts, remove wheel.

Important!

Contact faces between brake disk and disk wheel and between brake disk and wheel hub must be free of grease.



Remove any dirt, grease residue and rust from contact face (1) of brake disk.

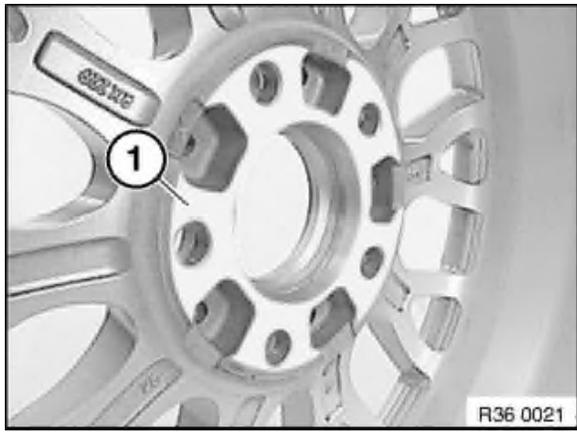
Note:

Degrease contact face with universal cleaner, refer to BMW Parts Service.

Note:

If grease residues are found in area of wheel stud bore, remove and clean brake disk.

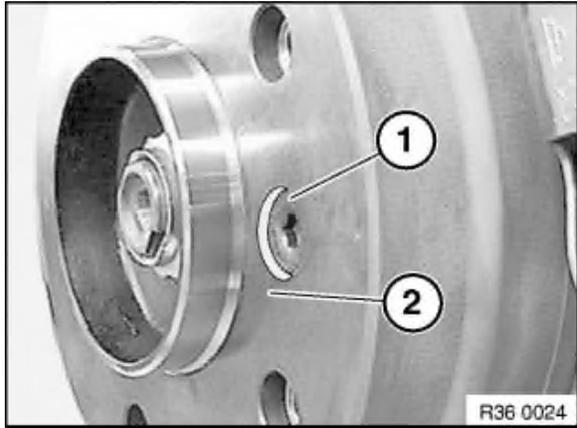
Remove and install brake disk, front axle, refer to 34 11 220.
rear axle, refer to 34 21 320.



Remove any dirt, grease residue and rust from contact face (1) of disk wheel.

Note:

Degrease contact face with universal cleaner, refer to BMW Parts Service.

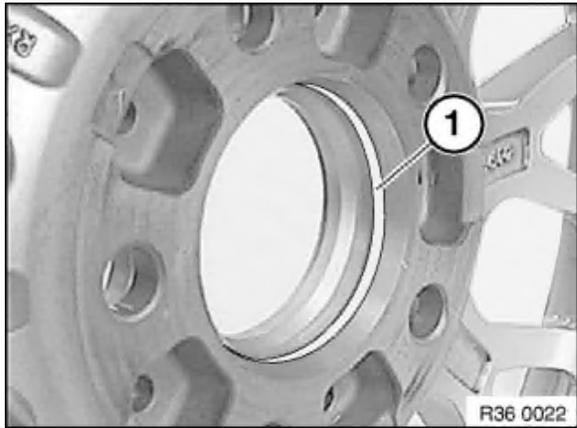


Check brake disk retaining bolt (1) for secure seating.

Important!

Retaining bolt must under no circumstances protrude over contact face (2) between brake disk and disk wheel.

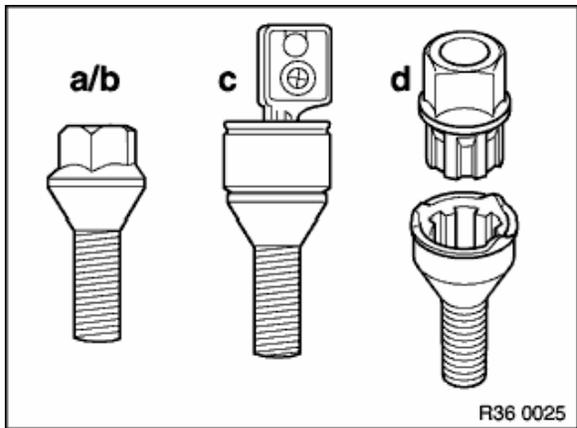
Tightening Torque, brake disk retaining bolt,
front axle, refer to 34 11 1AZ.
rear axle, refer to 34 21 1AZ.



Apply a thin coat of grease to wheel centering (1) in disk wheel.

Note:

Refer to BMW Service Operating Fluids, Main Group 36.



Wheel studs with taper:

- a) Wheel bolt - galvanized
- b) Wheel bolt - black chrome plated
- c) Wheel bolt - black chrome plated and lockable
- d) Lockable wheel bolt with adapter, black chrome plated

Note:

To release and tighten down lockable wheel bolt, use a matching adapter from special tool 36 1 300 (wheel bolt adapter set).



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

Replace rusty wheel bolts.

Important!

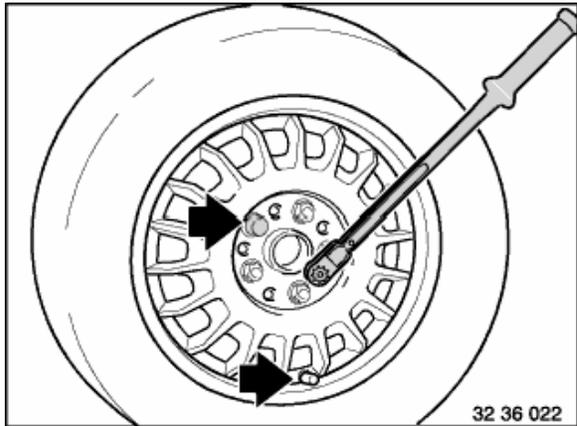
Do not apply oil to new wheel bolts.

In the case of used wheel bolts, apply an extremely thin coating of engine oil to the threads and tapers before reinstalling them.



Important!

Under no circumstances use pneumatic or power screwdrivers to install and tighten the wheel bolts.



Important!

Disk wheel must rest uniformly against brake disk.

Screw in wheel studs and, to center disk wheel, tighten down by hand diagonally and evenly.

Using torque wrench, firmly tighten wheel studs in diagonal and even sequence.

Tightening torque, refer to 36 10 1AZ.