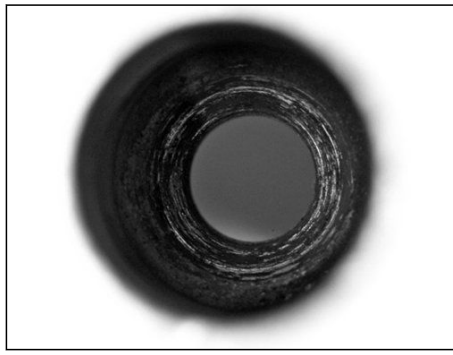


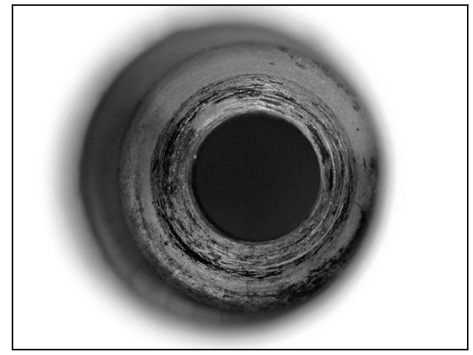
P40.10-6051-01

**Left half of picture: contact surface not cleaned, not OK, right half of picture: contact surface cleaned and without any deformation, OK**



P40.10-6306-01

**Radius seat not cleaned, not OK**



P40.10-6307-01

**Radius seat cleaned and without deformation and scoring marks, OK**


- 5 Check disk wheel and rim flanges for deformation and damage.

If problems exist,



Replace disk wheel.

- 6 Clean contact surfaces and center hole guide for disk wheel of lubricants and soiling such as, e.g. oil, grease and sand.

 Use a rag.

- 7 Check contact surfaces and center hole guide on disk wheel for **deposited** corrosion.

If problems exist,



Clean corrosion using a suitable tool (see above) and then repeat operation step 7. Clean light alloy wheels with flat scraper and a rag only.

- 8 Check contact surfaces and center alignment on disk wheel for deformation and damage.

If problems exist,



Replace disk wheel.

- 9 Check radius seats of disk wheels for soiling such as, e.g. oil, grease and sand.

If problems exist,



Clean radius seats with rag.

- 10 Check radius seats of disk wheels for damage, scoring marks, corrosion, ring shaped material removal in circumferential direction and out-of-roundness.

If problems exist,

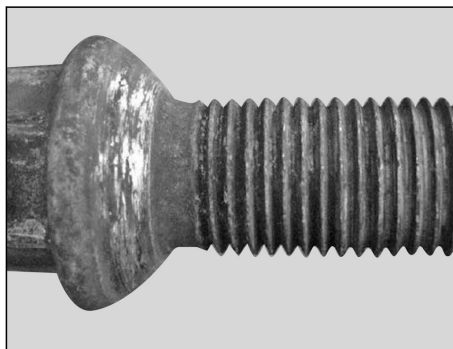


Replace disk wheel.



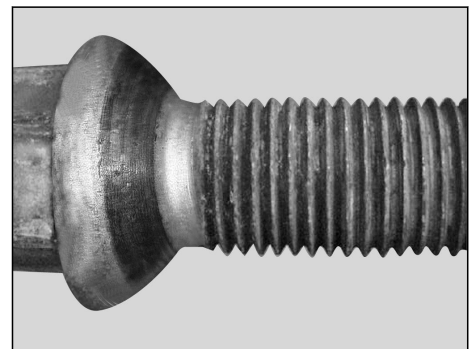
P40.10-6308-01

**Corroded spherical cap, not OK**



P40.10-6055-01

**Spherical cap with seizing marks, material deposition, not OK**



P40.10-6056-01

**Spherical cap with even contact pattern, OK**

- 11 Check thread of wheel bolts or wheel nuts for soiling such as, e.g. oil, grease and sand and check for **deposited** corrosion.

If problems exist,



Remove corrosion or soiling with wire brush or thread cutter and clean thread.

- 12 Check radius seats of wheel bolts or wheel nuts for soiling such as, e.g. oil, grease and sand.

If problems exist,

↓  
clean soiled radius seats with rag.

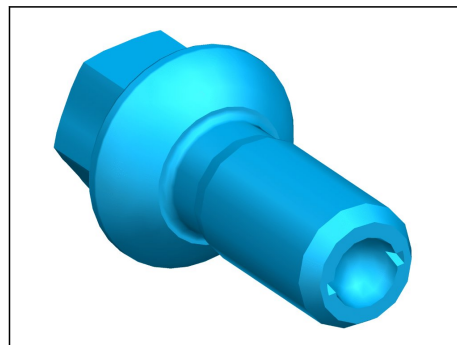
- 13 Check radius seats of wheel bolts or wheel nuts for damage, scoring marks, corrosion, material deposition and out-of-roundness.  
If problems exist,

↓  
Replace wheel bolts or wheel nuts.

ⓘ Installing differently coated wheel bolts on one wheel is not permissible.  
Otherwise braking vibrations will occur.

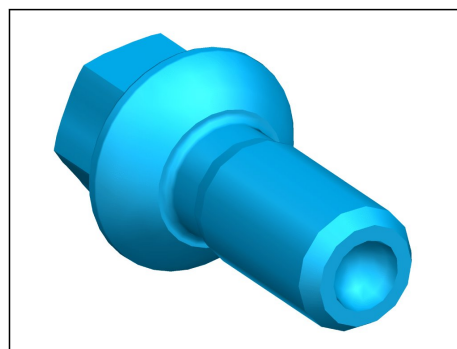
### Coating of wheel bolts

#### *Wheel bolt with notches (new coating)*



P40.10-A010-71

#### *Wheel bolt without notches (old coating)*



P40.10-A011-71

### Apply corrosion protection

- 14 Apply a thin coating of hot-lubrication paste as corrosion protection to the marked area of the center hole guide (arrow) on the wheel hub or wheel flange and wheel contact surface.  
ⓘ Do not apply grease or other lubricants to threads of wheel bolts, wheel nuts, wheel hubs, wheel flanges or the wheel stud.  
Otherwise the wheel-and-tire assembly may work its way loose from the vehicle and cause damage to people, property or the environment!



P40.10-6309-01



P40.10-6050-01