



Changeover of all threaded connections to a chrome-free surface coating and introduction of an oval head type wheel stud for Mercedes-Benz TrailerAxleSystems

Changeover to a chrome-free surface coating

In October 2011, Mercedes-Benz will start to change over the wheel stud and wheel nut surface coatings for the trailer and semitrailer axles in the DCA family, DLS and DBA model series.

The standard wheel studs (80 mm, for steel and aluminum rims with single tires) as well as the long wheel studs (110 mm, for steel and aluminum rims with twin tires) will, in the future, have a chrome-free coating.

The wheel nuts will also have a chrome-free coating beginning in October 2011. The A-item number for the new wheel nuts with the chrome-free surface coating will remain unchanged.

Over the course of the next few months, Mercedes-Benz TrailerAxleSystems will change over all additional Mercedes-Benz trailer axle threaded connections to a chrome-free surface coating. We will inform you in good time should any changes related to the installation and tightening processes of the affected parts arise.

Oval head type wheel stud

With the introduction of the chrome-free coating, all of the above-mentioned wheel studs will also have an oval head type.

Wheel stud head types:



OLD



NEW

Installation instructions

The tightening torque for the Mercedes-Benz wheel nuts on the trailer axles is 600±15 Nm. A mixed installation of genuine Mercedes-Benz parts with the previous coating and the new chrome-free coating is possible. No change to the installation and tightening parameters is required.

The installation and tightening processes between the wheel studs and wheel nuts, which have been tested and approved by Mercedes-Benz TrailerAxleSystems, apply solely for genuine Mercedes-Benz parts with the above item numbers.

Overview of affected components

	Previous item number	New item number
Wheel stud M22 x 1.5 x 80 mm	A 389 401 0071	A 000 401 24 71
Wheel stud M22 x 1.5 x 110 mm	A 381 401 0771	A 000 401 37 71
Wheel nut M22	A 000 401 0672	A 000 401 0672