

Spherical Collar Bolts for Wheel Attachment

for steel disc wheel Part No.	Length "L"	for light-alloy disc wheel Part No.	Length "L"
110 401 01 70	21	108 401 00 70	29.5

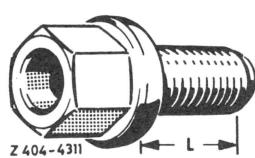


Fig. 1

Steel disc wheel with pertinent
spherical collar bolt

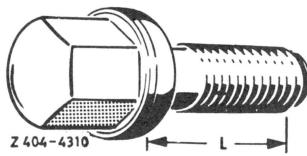
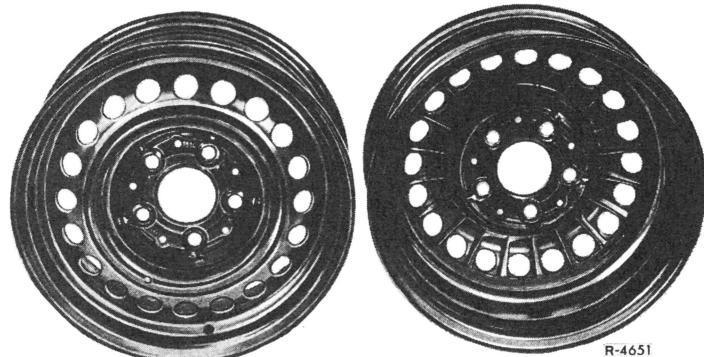
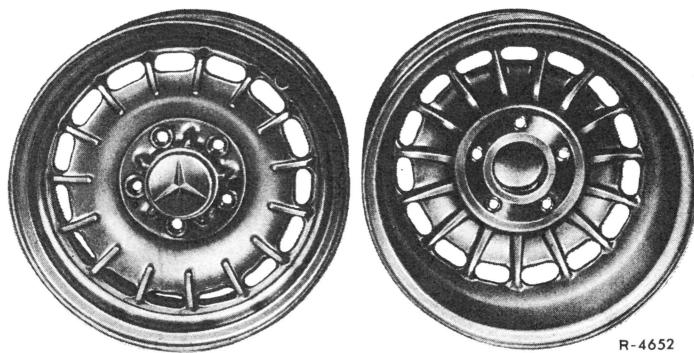


Fig. 2

Light alloy disc wheel with pertinent spherical
collar bolt

**Centering of Disc Wheels**

Recess on disc wheel dia.	Recess on front wheel hub or on rear axle shaft flange	Radial play between disc wheel and front wheel hub or rear axle shaft flange
66.500	66.400	0.10 ¹⁾
66.574	66.354	0.22

1) Without paint, in painted condition of disc wheel play approx. 0 to 0.12 mm.

Tightening Torque in kpm

Spherical collar bolts for wheel attachment M 12 x 1.5

approx. 10



Important Notes

Never mix up spherical collar bolts.

Do not tighten spherical collar bolts for light alloy disc wheels with impact wrench.

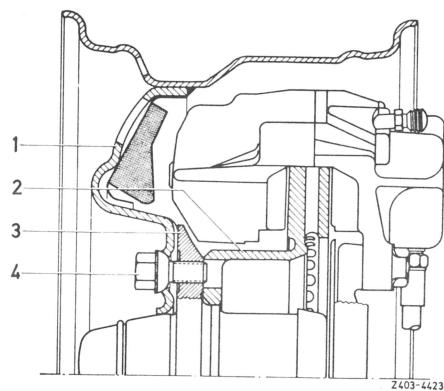
Make sure that the wheels are not distorted by one-sided tightening of spherical collar bolts.

Tighten crosswise in several steps.

Be sure to prevent that the first wheel bolt is already tightened to its full torque prior to at least initially tightening the other bolts.

Vented disc wheels have a high air flow rate. Prior to wheel assembly, check wheel disc for dirt and clean, if required.

Steel disc wheel



Light alloy disc wheel

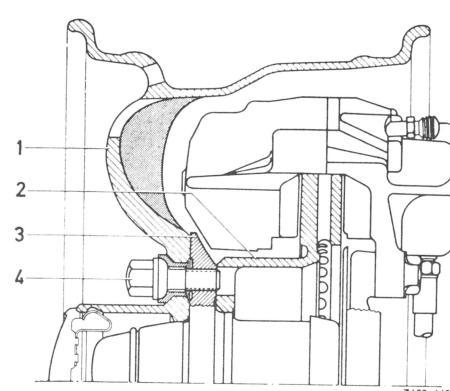


Fig. 3

Front axle

- 1 Disc wheel
- 2 Brake disc
- 3 Front wheel hub
- 4 Spherical collar bolt

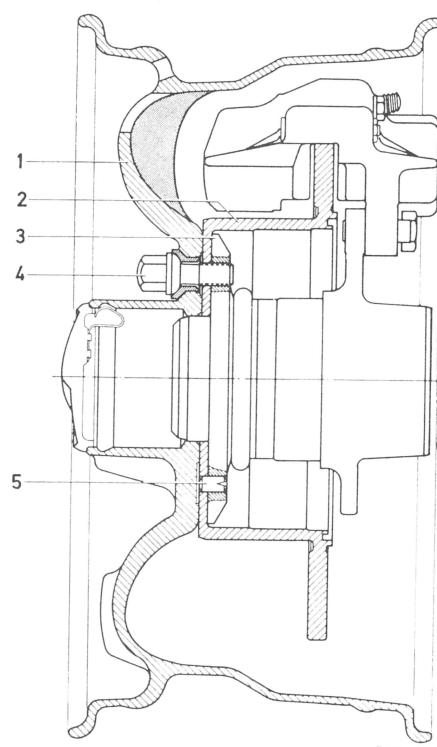
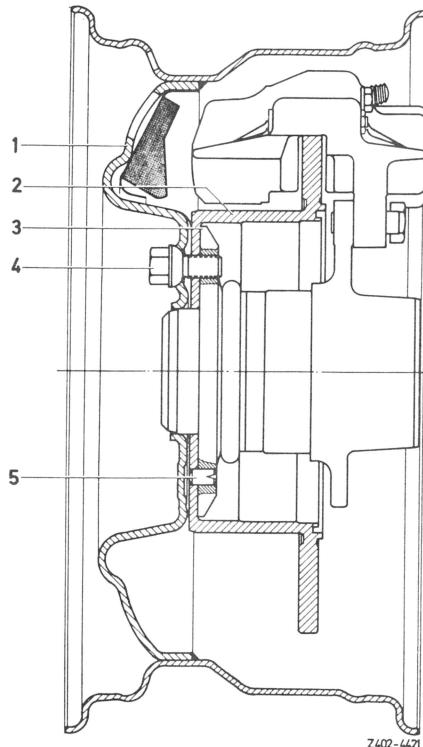


Fig. 4

Rear axle

- 1 Disc wheel
- 2 Brake disc
- 3 Rear axle shaft flange
- 4 Spherical collar bolt
- 5 Set pin for locating brake disc

Ornamental Wheel Cover for Steel Disc Wheel

The ornamental wheel cover (5) is attached to the disc wheel by means of four retaining springs (4) (Fig. 1).

Pull off ornamental wheel cover by hand or remove by lever action with combination wrench for wheel assembly (Fig. 2).

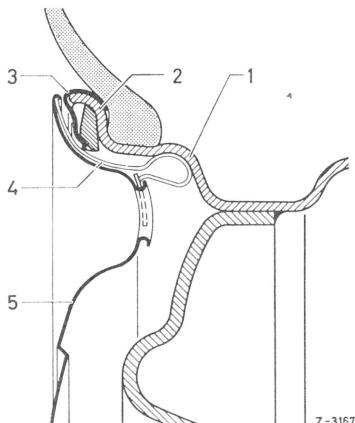


Fig. 1

- 1 Disc wheel
- 2 Balancing weight
- 3 Retaining spring for balancing weight
- 4 Retaining spring for ornamental wheel cover
- 5 Ornamental wheel cover

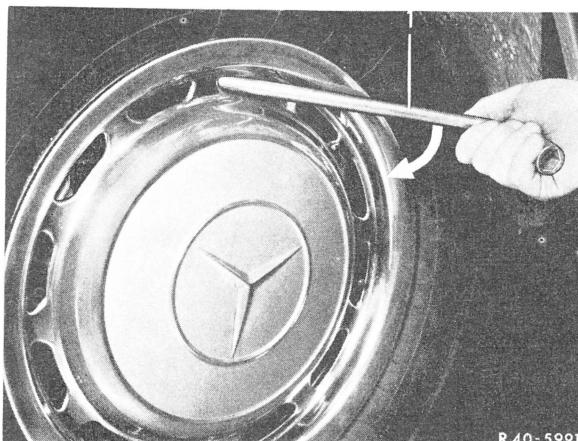


Fig. 2

- 1 Combination wrench for wheel assembly

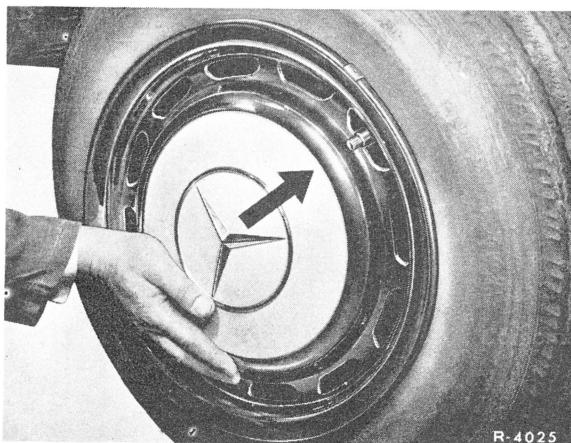


Fig. 3

When assembling the ornamental wheel cover, position against disc wheel in such a manner that the valve is between two retaining springs.

Then push on ornamental wheel cover at first **vertically** to valve (refer to arrow) and then against side opposite valve (Fig. 3).

Ornamental Wheel Cover for Light Alloy Disc Wheel

The ornamental disc wheel (6) serves to cover the hub of the light alloy disc wheel and is held against the hub of the disc wheel by means of three retaining springs (4) (Fig. 4).

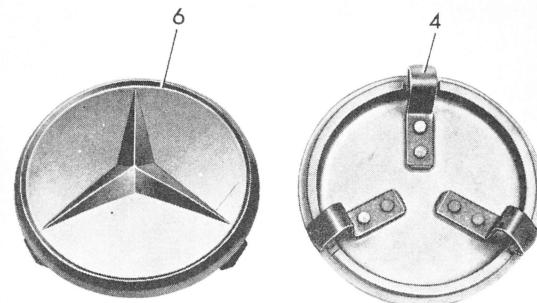


Fig. 4

- 4 Retaining spring
- 6 Ornamental wheel cover

For removal, push ornamental wheel cover out from inside wheel, for insertion, push against cover with ball of thumb (Fig. 5).

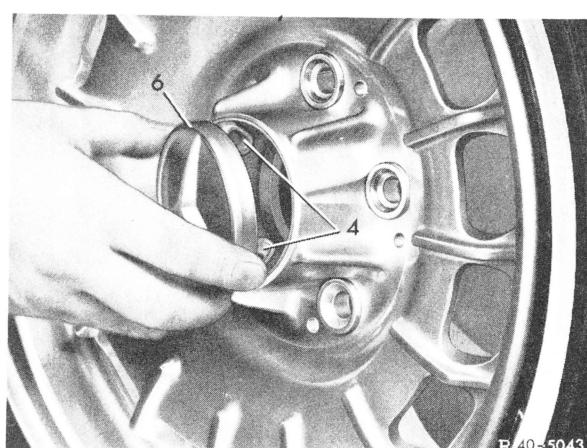


Fig. 5

- 4 Retaining springs
- 6 Ornamental wheel cover