



febi 177535, 177536

**To fit:**

various light commercial vehicle
makes and models



EN

Visual indicator for wheel nut tightness

Problem

The wheel fastening becomes unsecure over time, leading to a risk of the wheel not being secured to the vehicle correctly. This causes the wheel to become loose from the vehicle.

Cause

Worn or insecure wheel fastenings.

Excessive corrosion between the wheel and the hub, or between the wheels, affecting twin rear-wheel axles fitted to higher-load light commercial vehicles.

Incorrect tightening procedure, or the incorrect level of torque, applied to the wheel fastenings.

Solution

Wheels becoming loose mainly affects light commercial vehicles of a higher load capacity - e.g. emergency service vehicles, mini buses, tipper, Luton-bodied or specialist conversion vehicles.

During the regular replacement of tyres due to wear, damage or environmental conditions (such as changing winter and summer tyres), the mating surfaces of the wheels and the hubs need to be checked for corrosion and cleaned to ensure a good contact surface before reassembly.

All wheel fastenings need to be checked for damage, and the condition of the thread must also be checked and replaced as necessary. The correct tightening procedure and level of torque must be applied to each wheel fastening. The fitment of visual indicators to each wheel fastening helps to signify if any fastenings are becoming loose before an incident occurs.

For more technical information please visit: partsfinder.bilsteingroup.com