

## Surface coating on gigant components

As standard, the gigant components are provided with a high-quality corrosion protection as cathaphoretic dip coating (KTL), or are primed on a water-soluble basis in colour tone RAL 9005 (black)!

### 1. Axle components / Air spring bracket

- Comprehensive KTL coating, colour tone RAL 9005
- Corrosion resistance 480h according to DIN ISO 9227-NSS (salt spray test)
- Thin layer thickness max. 30 µm (the coating must be viewed as priming coat and, depending on the application, requires a paint finish)
- Can be painted with all customary available single and dual component top coats

### 2. Air spring arms / Springs

- Comprehensive corrosion protection on a water-soluble basis, colour tone RAL 9005
- Corrosion resistance 480h according to DIN ISO 9227-NSS (salt spray test)
- Layer thickness, min. 60 µm
- Can be painted with all customary available single and dual component top coats.

### 3. Fastening material (bolted connections)

- All bolted connections in areas where there is a risk of corrosion with a coating of Dacromet or, as an alternative, Cr-VI free coatings or chromated.
- Corrosion resistance 480h according to DIN ISO 9227-NSS (salt spray test)

### To be observed when painting!

- Components coated at gigant must cover the application surface of the bolted connections as well as the inner and outer application surfaces (for example, cone bushing of the eccentric nut)!
- On components that are not coated, the application surfaces of the bolted connections (for example, on the application surface of the air spring bracket for the connecting rod bolt and shock absorber fittings as well as the inner and outer application surfaces), must **only be coated with a max. layer thickness up to 30 µm**.
- Wheel application surfaces for flange / hub must not be subsequently coated! (Max. 30 µm layer thickness, alternative transparent temporary corrossions protection possible)

### KTL coating damaged?

- Damaged area to be treated: rust-free, dry and grease-free
- Apply zinc spray as primer
- Using a brush or spray gun, use commercially available water soluble or solvent paint systems with colour tone RAL 9005

### KTL welding?

- Remove the KTL coating in the area to be welded
- After welding components, allow the materials to cool down
- Clean the weld seam (from silicate), remove weld spatter
- Apply zinc spray as primer
- Using a brush or spray gun, use commercially available water soluble or solvent paint systems with colour tone RAL 9005

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