

Step-by-step rim repair instructions

Attention: Before starting work, check the [maximum deviation sample catalogue](#) to establish whether treatment is permissible.

Scope of painting:

- Paint is never to be applied to the wheel attachment points. Depending on design, mask the area or fit old wheel bolts in the holes
- Priming is restricted to the repair location.
- The surfacer area depends on the design, damage to and as-delivered condition of the rim
- Apply base coat paint and clear lacquer to the entire rim



After referring to the maximum deviation sample catalogue to ensure that treatment is permissible, clean the rim with silicone remover



Use a file or orbital sander to roughen the damaged area. This ensures complete removal of the existing paint and produces the required 120 grit size peak-to-valley height. Deep scratches and notches must always be filed down and rounded off to avoid a notching effect. The area immediately surrounding the repair location should also be thoroughly surface-sanded to ensure adhesion of the feathered-out filler material.

Clean the roughened repair



location



Mix a sufficient quantity of [two-pack Diamant aluminium filler](#). This should produce a spreadable consistency.

Genuine material number:
Powder: DA 004 200 A2
Hardener: DA 004 201 A1



The spreadable material is to be applied in the same manner as PE filler.

Once it has hardened, sand the filler by hand to obtain the correct contour. As the maximum permissible filling depth for rim treatment is 1 mm, there is usually no need to use an infrared lamp



Finish-sand the repair location with a hand sander to obtain a better surface quality.

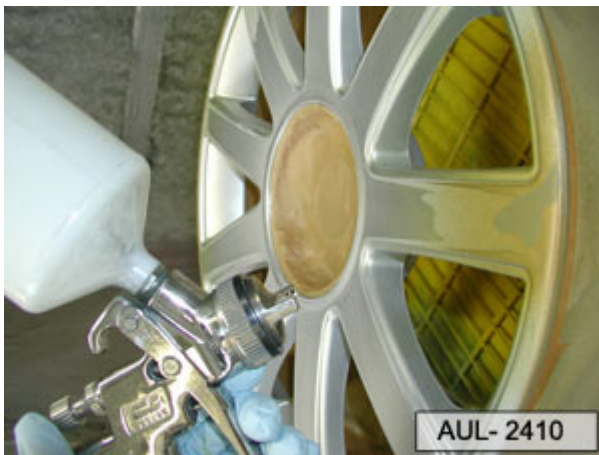
The entire rim should be dry sanded with P400 to enhance adhesion of the repair paint.



Sand following filler application.

Clean again with silicone remover

Depending on design, protect the wheel attachment points by masking or fitting old wheel bolts.



Then prime just the repair locations with genuine wash primer (new)
This material will not be available until the end of October 06. No other primers are permissible to date



Depending on the extent of the damage, apply surfacer to the repair location or the entire rim. Only [two-pack Vario surfacer](#) is permissible for this purpose

Ensure adequate drying of the surfacer. Sand the repair location with an eccentric sander (P400 grit size). Inaccessible areas are to be dry sanded with P400 or wet sanded with P800-P1000.



For optimum sanding results it is advisable to use black checking powder beforehand.



Clean the rim with silicone remover before applying the base coat paint.

The part number on the rim can be used to establish the correct base coat paint colour code in ETKA.
Or compare on the basis of the genuine colour charts 8Z8, Z17 and 1H7.
Suitable mixing formulae can



be found under www.vwcolor.info.
Use a metal colour sample to check the shade. Then apply water-borne base coat paint to the rim in 1-2 spray applications



Next, apply two-pack clear lacquer (approx. 50 μm) in two spray applications.