



# Wheel REPAIR KIT

*All-Inclusive-Kit*

- (DE) QUIXX FELGEN REPARATUR-SET
- (EN) QUIXX WHEEL REPAIR KIT
- (FR) KIT DE RÉPARATION POUR JANTES QUIXX
- (IT) KIT DI RIPARAZIONE CERCHI QUIXX
- (ES) KIT DE REPARACIÓN PARA LLANTAS QUIXX
- (NL) QUIXX VELGEN REPARATIESET
- (SE) QUIXX FÄLGREPARATIONSSATS
- (FI) QUIXX VANTEIDEN KORJAUSSARJA
- (NO) QUIXX FELGREPARASJONSSETT
- (DK) QUIXX FÆLGREPARATIONSSÆT



Manual

Repair



**Instructions for use:****A) ALSO REQUIRED (but not included):**

1) Warm soapy water 2) Towel for drying the rims 3) Polish (for reworking after repair) 4) Adhesive tape 5) A piece of cardboard to cover the tyre 6) Craft knife (or scissors)

**B) HINTS AND TIPS:**

1) Please read the instruction manual and notes carefully. 2) Before using the QUIXX Wheel Repair Kit, watch the video at [www.quixx.com](http://www.quixx.com) 3) The ambient temperature at the time of application should be between 13° and 24° C. 4) To make the work easier we recommend removing the rim to be repaired from the vehicle or carrying out the repair when changing the tyres (summer/winter). 5) If the rim flange / rim edge is damaged, it may also be necessary to remove the tyre from the rim. 6) After an event such as contact with the curb, damage to the tyre structure may have occurred that is invisible to the naked eye but which can lead to the tyre bursting. 7) In such cases have the tyre checked by a specialist tyre dealer. 8) The QUIXX Wheel Repair Kit is only suitable for repairing the surface of alloy rims (damage to a maximum depth of 1 mm) and not suitable for cracks, fractures or dents. 9) Hardening time until painting approx. 2 hours, depending on extent of the damage.

**C) ELIMINATE SMALL SCRATCHES AND DAMAGE:**

1) This type of damage can be repaired with the silver touch-up pen. 2) Clean the rim thoroughly with a rim cleaner and remove brake dust, dirt, wax, polish, etc. 3) Remove any loose paint and protruding aluminium around the area to be repaired. (see Fig. 1) 4) If necessary, gently prepare the damaged area with the sandpaper (grey, 600 grit) and sanding block supplied to smooth it out. (see Fig. 2) 5) Carefully apply tape as protection in order to avoid sanding marks on the undamaged areas close to the damaged area. 6) Then clean the treated areas with soapy water and dry thoroughly. 7) The area can then be repaired with the silver touch-up pen. (see point E, Silver touch-up pen application)

**D) REPAIRING LARGER AREAS OF DAMAGE:**

1) For larger areas of damage (up to a maximum depth of 1 mm), it is necessary to fill the cavities with liquid aluminium filler. 2) Clean the rim thoroughly with a rim cleaner and remove brake dust, dirt, wax, polish, etc. 3) Remove any loose paint and protruding aluminium around the area to be repaired. (see Fig. 1) 4) Depending on the type of damage, gently prepare the damaged area with the sandpaper (grey, 600 grit) and sanding block supplied to smooth it out and remove any burrs. (see Fig. 2) 5) Carefully apply tape as protection in order to avoid sanding marks / scratches on the undamaged areas close to the damaged area. 6) Clean the treated areas with soapy water and dry thoroughly. 7) Put on the gloves provided. 8) Cut a thin slice (approx. 0.2 - 0.5 cm) of the liquid aluminium with scissors or a craft knife. (see Fig. 3) 9) Remove the plastic cover (plastic film) and thoroughly knead the 2-component compound with your fingers for approx. 1 minute. (see Fig. 4) 10) As soon as the mass has taken on a uniform dark grey colour, it is ready for use. 11) If the damage is on the edge of the rim, we recommend that you put a piece of thin cardboard or paper between the edge of the rim and the tyre. This will prevent filler material from getting onto the tyre or into the space between the tyre and the rims. (see Fig. 5) 12) The cardboard also ensures a clean edge is formed between the rim and the tyre. 13) Apply an appropriate amount of filler material to the damaged area and remove any excess material with a craft knife. (see Fig. 6) 14) Now model the filling material with your fingers and the side of the knife blade to match the shape of the rim. (see Fig. 7) 15) Allow the mixture to harden completely for approx. 2 hours. 16) If you have used cardboard to control the application of the material, remove it after hardening. 17) After hardening, smooth the filling compound with the sandpaper and sanding block provided, starting with the yellow abrasive paper (grain size 100), until the contour of the repair area corresponds to that of the rim. Then with a little water, wet sand using the grey sandpaper (600 grit) to smooth the surface of the repaired area ready for the paint. (see Fig. 8a-8c) 18) As soon as the area to be repaired is the same as the contours of the undamaged rim and the surface is smooth, wash the rim with warm soapy water and rinse thoroughly with clean water to remove all residues. 19) Dry the rim thoroughly. 20) Now paint the repaired area with the silver touch-up pen as described in point E below.



- a) 1 repair paint (silver), 12ml
- b) Liquid aluminium repair filler, 16g
- c) 1 Pair of gloves
- d) 6 sheets of sandpaper in 2 different grit sizes
- e) 1 Sanding block

### E) SILVER TOUCH-UP PEN APPLICATION:

1) Carefully apply tape as protection to all areas around the damaged area to prevent paint getting onto other parts of the rim. (see Fig. 9) 2) Shake the bottle of repair paint vigorously for about 1 minute until the components of the paint are thoroughly mixed. 3) The repair paint contains a silver aluminium colour suitable for many aluminium rims. 4) Should you require a different colour for your rims, please contact one of our dealers of car paints or search on the Internet for the colour suitable for your rims. Most common rim manufacturer repair paints can be used together with the QUIXX Wheel Repair Kit. 5) It is recommended that a colour test is carried out before applying the paint. Test the paint colour for suitable matching on a part of your rim that is not visible (such as the inside). 6) Use a brush to apply a small amount of paint in several thin layers to the area being repaired. (see Fig. 10) 7) Wipe off excess paint as soon as possible with a paper towel for example. 8) After applying the first coat let the paint dry for about 2-3 hours. 9) Then carefully wet sand the varnished area using the sandpaper provided (grey, grain 600). (see Fig. 11) 10) If required further layers of paint can be applied after drying and sanding. 11) One week after the repair the paint is completely hardened, the repaired area can be polished and any fine sanding marks resulting from the repair can be removed using a car polish. 12) **We strongly recommend that the repaired rim be allowed to dry and harden for 12-24 hours after repair, depending on weather conditions.**

**LIQUID ALLOY  
PUTTY:**



**REACTION PRODUCT:**  
BISPHENOL-A-(EPICHLORHYDRIN);  
EPOXY RESIN (number average molecular  
weight  $\leq$  700)

**WARNING!**

Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful to aquatic life with long lasting  
effects. Keep out of reach of children.  
Wash hands thoroughly after handling.  
Wear protective gloves.

**If skin irritation or rash occurs:**

Get medical advice/attention.

**If eye irritation persists:**

Get medical advice/attention.

Dispose of contents, container to a hazardous  
or special waste collection point.

**RIM PAINT  
SILVER:**



**BUTYL ACETATE; C10-12  
ALKANE/CYCLOALKANE; C9-10  
AROMATIC HYDROCARBONS  
DANGER!**

Highly flammable liquid and vapour.  
May cause drowsiness or dizziness.  
Harmful to aquatic life with long lasting  
effects. Repeated exposure may cause skin  
dryness or cracking. Keep out of reach of  
children. Keep away from heat, hot surfaces,  
sparks, open flames and other ignition  
sources. No smoking. Use only outdoors or in  
a well-ventilated area.

**IF INHALED:** Remove person to fresh air and  
keep comfortable for breathing.

Dispose of contents, container to a hazardous  
or special waste collection point.