

## No. 521: Automobile parts: Painting new parts for complete exchange (electro-tools)

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### Description



Fig. 521/1

Sanding procedures for chassis new parts are described in this sample application.

The vehicle painter is faced with the problem of being able to prepare quickly and efficiently original replacement parts that were prime coated at works so that they can be filled and painted.

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### Previous procedure

Extensive energy and time-consuming wet grinding by hand.

Evaporation / Drying off the wet surfaces (in the case of installed parts: clean fold areas and re-cover).

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### Solution

Using the finish eccentric sander ETS 150/3 EQ or ES 125 EQ and the appropriate abrasive, original replacement parts can be prepared quickly and by dry sanding for subsequent coating.

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### Advantages

- No evaporation time
  - Clean sanding result
  - Vehicle only has to be covered once
  - No cleaning work in fold areas prior to painting
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### Machinery/Accessories

- ETS 150/3 EQ (Ø 150mm – 3mm stroke)
- CTL / CTM mobile dust extractor

Other accessories:

- STF sanding pad (super soft)
- STF Festool Titan® 2 P 220 sanding discs
- STF Festool Titan® 2 P 360 sanding discs
- Festool Platin® 2 S 500
- Festool Platin® 2 S 1000

Alternative to ETS 150/3 EQ:

- ETS 125 EQ (Ø 125mm – 2.5mm stroke)
- ROTEX® RO 125 FEQ (Ø 125mm – 3.6mm Hub)

Our sample applications are recommendations that have been tried and tested in practice. The various outline conditions, however, lie completely outside our area of influence. For this reason we are unable to provide any guarantee whatsoever. Legal claims against us cannot be derived from the contents hereof. Please observe without fail the safety and operating instructions included with the product.

## Preparation

- Attach STF sanding pad (super soft) to eccentric sander
  - Connect eccentric sander to CTL mobile dust extractor.
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## Procedure

1. Attach STF sanding disc Festool Titan<sup>®</sup> 2 P220 (or Festool Platin<sup>®</sup> 2 S 500) to sanding pad.
  2. Sand replacement part lightly. Clean.
  3. Apply priming filler. After drying: apply control black.
  4. Sand the surface with STF sanding disc P 360 until the control black is no longer visible.
  5. Sand with Festool Platin<sup>®</sup> 2 S 1000. Clean the filled area.
  6. Apply paint.
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## NB:

- The above described steps apply for all types of coatings.
  - Efficient, eccentric fine sanding ensures a clean sanding result.
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## Important

- The speed has to be regulated according to the coating type/manufacturer.
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