

No. 721

## Automotive parts: Removing varnish run

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### Description

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This application example describes the removal or polishing off of varnish run on body parts.

When painting body parts the formation of one or several varnish runs happens now and again as a result of excessive application of the material especially at edges, beading, recess grips on doors, indicator cutouts or intersecting parts (door to wing). The automotive paintshop faces the problem of removing the varnish run quickly and without great difficulty.

Using the Festool ROTEX and the relevant polishing accessories varnish run on body parts can be removed or polished off quickly and safely. The rotary motion ensures intensive polishing and prevents the polish from flying off the pad. At the same time, the ROTEX rotary sander prevents overheating of the clear coat or lacquer.



721/01



721/02

## B Tools/Accessories

| Designation                                       | Order No. |
|---|-----------|
| ROTEX RO 150 FEQ (Fig. 721/01)                    | 571570    |
| Polishing pad FastFix PT-STF D150 FX-RO 150       | 493914    |
| PoliStick foam polishing pad PS-STF-D150X30-M-OCS | 493852    |
| Premium sheepskin pad LF-PREM.-STF-D1501          | 493838    |
| Sanding discs STF D150/8 P800 TI2/100             | 492347    |
| Sanding discs STF D150/0 P1200 TI2/100            | 492348    |
| Sanding discs STF D150/0 P1500 TI2/100            | 492349    |
| Sanding block HSK – D150 H                        | 495966    |
| Finish cleaner MPA-F                              | 493066    |
| Polish MPA 5000/1                                 | 496299    |
| Microfibre cloth MPA Microfibre/2                 | 493068    |
| Alternative for professional use                  |           |
| SHINEX RAP 150 FE (Fig. 721/02)                   | 570762    |

## C Preparation/Set-up

1. The paint area must be dried through (oven drying/infrared drying, 60°C object temperature). Observe paint/lacquer manufacturer's instructions.
2. Allow the paint area to cool after oven drying / infrared drying (observe paint/lacquer manufacturer's instructions).
3. Using the sanding block and Titan 2 P 800 – 1500 carefully sand away the varnish run by hand until the paint area is planar again. Lightly dampen abrasive with MPA-F. Repeat the process often.
4. Wipe away or dry the area using a microfibre cloth. If necessary dry the imperfection with an infrared dryer afterwards.



721/03



721/04

## D Procedure

1. Set the selector switch on the ROTEX so that this points to the right and the restraint drive of the ROTEX rotary sander is switched on (Fig. 721/03 and 721/04).
2. Position the orange foam polishing pad on the backing pad and distribute the polish MPA 5000 evenly onto the pad.
3. To distribute the polish, set the speed on the tool to level 1. Then increase the tool speed to level 4 - 6.

4. Polish the damaged spot crosswise (planer positioning of the machine).
5. Repeat the polishing process as often as required until the scratch marks are removed and the shine is brought back to life.
6. Wipe the dry polish residue using the microfibre cloth.

Alternative to the orange pad:

Premium sheepskin pad (stronger polishing effect)

- The ROTEX rotary motion ensures intensive polishing and prevents the polish from flying off the pad.
- Thanks to the low speed in comparison to the angle polisher, the clear coat or lacquer is hardly heated.
- To prevent the polish flying off the pad when the tool is switched on, it is important to start the tool only when it is lying on the surface being polished.