

No. 517

## Automotive parts: Removing overspray (paintwork in adjacent areas)

A

### Description

This application example describes the polishing of overspray transitions between new paintwork and an old lacquered surface on a body part.

The vehicle paintshop faces the problem of achieving a visibly clean transition between adjacent paintwork and the old lacquered surface. For this reason adjacent paintwork is deliberately carried out over the repaired area into the existing lacquered surface. The resulting overspray must now be polished after the lacquer/clear coat has dried. Please observe the specifications of the paint/lacquer manufacturer.

For non-experienced users this previously involved complex, energy-sapping and time-consuming polishing by hand or using angle polishers - with the risk

- of overheating and thus damage to the paintwork (polishing clouds)
- becoming visible through torn edges
- polish flying off the polishing pad, leading to time-consuming cleaning of plastic parts, windscreen, rubber seals, etc.

Simple adjacent polishing of overspray transitions using the Festool ROTEX minimises the risks. The ROTEX rotary setting can also be used by non-experienced users thus saving time and ensuring a steady path.



517/01



514/02

## B Tools/Accessories

Designation	Order No.
ROTEX RO 150 FEQ (Fig. 517/01)	571570
Polishing pad FastFix PT-STF D150 FX-RO 150	493914
PoliStick foam polishing pad PS-STF-D150X30-F-GEW	493873
PoliStick sheepskin pad LF-PREM.-STF-D150/1	493838
Polish MPA 6000/1	492424
Polish MPA 8000/1	493816
Microfibre cloth, MPA Microfibre/2	493068
Alternative for professional use	
SHINEX, RAP 150 FE (Fig. 517/02)	570762

## C Preparation/Set-up

As contact with the pad / polishing agent and plastic parts can hardly be ruled out, it is recommended to cover bumpers, extensions, etc. with adhesive tape before polishing.

Before polishing it must be ensured that the lacquered surface of the adjacent paintwork has dried through sufficiently. Please observe the specifications of the paint/lacquer manufacturer.

## D Procedure



517/03



517/04

1. Set the selector switch on the ROTEX so that this points to the right and the drive of the ROTEX rotary setting is switched on (Fig. 517/03 and 517/04).
2. Position the white foam polishing pad on the backing pad and distribute the polish MPA 8000 evenly onto the pad.
3. To distribute the polish, set the speed on the tool to level 1. Then increase the tool speed to approx. level 4 - 6.
4. Polish the adjacent spray zone crosswise (planar machine) Avoid heavy build-up of heat. Do not work at too high an application pressure.

5. Repeat the polishing process as often as required until the overspray is no longer visible.

6. Wipe the dry polish residue using the microfibre cloth.

Alternative to polish MPA 8000 (agent):

Polish MPA 6000 (coarse, stronger sanding effect)

Alternative to the white 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 base / 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.