

41 01 98 (374)

Dent repairs without damaging paintwork

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Situation:

Light dents have previously only been repaired through conventional means such as Multispot and filling followed by repainting.

However, methods of rectifying parking and hailstone damage that do not damage the paintwork are becoming increasingly common. Vehicle insurers are fully supportive and endorse this approach.

This procedure involves pressing out damage from the inside of sheet metal panels using levers followed by polishing. The total outlay is much lower than for conventional dent repairs with subsequent repair painting. It is to be noted here that some areas of damage cannot be reached on account of reinforced or bonded body components. For safety reasons, no additional holes may be drilled to improve accessibility.

The size of the dent should not exceed a diameter of 80 mm.

This procedure can also be used during general workshop repair processes, such as:

- Preparing for painting (reduction in filling work)
- Rectifying any damage following repair painting.

Based on this background as well as environmental aspects and the positive effect on insurance coverage classification, this method of repairing dents without paintwork damage is approved for BMW vehicles. This approval only applies to dents that do not have visible paintwork cracks.

Procedure:

Repairing dents without damaging the paintwork requires continuous practice and a high degree of skill. In order to cater for the relevant situation at all contractual partners, two application methods for optimum use are offered.

1. In the same way as professional body and paintwork shops are already used, it is also possible in this case to commission qualified contractors for the purpose of conducting dent repairs without paintwork damage.
2. Purchase of a BMW pressing-out tool set for dent repairs.

The form and materials of this set have been carefully selected for BMW vehicles. It consists of a standard set (for approx. 80 % of the outer body skin that can be reached) and an extension set (for the remaining 20 %).

Training is recommended so that the tool set can be used effectively. This training is offered by external companies and can be conducted locally (e.g. for Germany the company Ur-Form).

[See Service Information 5 04 98 \(328\).](#)

Note:

Make sure that the training provider does not conduct training under the prerequisite of purchasing his particular set of pressing-out tools.