

Enclosure 1 to SI 97 01 96 (155), edition 02/2019

The prerequisite for the long-term quality of our vehicles is provided through long-standing and comprehensive studies and tests, the design, the materials used and the production processes in our advanced production facilities.

In spite of the increased use of galvanised panels, the quality features, the visual appearance as well as the value retention can additionally be influenced in a positive way over many years through expert care and maintenance.

The corrosion protection and care products offered through the “BMW Parts and Accessories” have been tested in the BMW Laboratories, they meet the latest technological developments and thus provide the very best while still being economical.

We recommend that you thoroughly clean the engine, engine compartment, vehicle underbody, axles and assembly at least twice a year in particular before and after the period where de-icing salt is applied to the roads and then carry out vehicle paintwork preservation or after-treatment.

When cleaning engine and engine compartment, the cleaned parts should afterwards be sprayed with engine preservation.

Checking the body including the vehicle underbody is part of each inspection.

Depending on the condition, the underbody's preservation should be partially repaired or completely sprayed with underbody protection (wax), taking care *not* to spray rotating parts such as propeller shaft, drive shafts, disc wheels, brake discs and exhaust systems.

The ventilation and vent holes or grilles in the body must not be closed during this process.

New vehicles stored outside should not be dewaxed until shortly before the handover to the customer. In this way you avoid the consequences of paint damaging deposits of surface rust, chemical dust, soot containing oil, precipitation containing sulphur dioxide (acid rain) on the horizontal surfaces to a large extent. Bird and insect secretions as well as tree resins can also cause paint damage in the form of stains, blisters and etching of the top coat.

The protection removal should *only* be carried out on the outer skin. Preservatives on the engine or in the engine compartment, in the A-pillars (hinge area) are intended and prevent corrosion.

Already dewaxed vehicles should be washed every 2 weeks. Parked vehicle should never be covered with plastic or other covers, since this can cause paint damage through condensation in combination with plastics plasticiser diffusion and scratches.

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Cavity preservation no longer has to be reapplied regularly starting from model 1981. The particular area must be preserved again only during body repair.

Only the product approved by BMW may be used to maintain the 6-year warranty against rust damage. It protects cavities in a highly effective manner and permanently against corrosion and, due to the high penetration and water displacement capability, reaches even inaccessible angles and folds.

<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Cavity sealant spray	83 42 2 457 337	400 ml, spray can
Cavity preservation	83 42 0 428 348	1000 ml, can

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To maintain the six-year warranty against rust damage.

Specially selected waxes and additives provide an elastic, temperature-resistant, anthracite-coloured corrosion protection film. The maximum film thickness must be 30 µm. By repeating the spraying procedure accordingly, the material application can be changed as desired and the drip-off losses remain low. The material is given a colour indicator for identification purposes.

Application:

Clean underside of vehicle from grease, oil and dirt. Mask rotating part and parts that are not to be treated such as gearbox drive shaft, brake discs, brake hoses, springs etc..

During body repair, the particular area must be protected again. The same applies if a corresponding touch up of the underbody protection becomes necessary during maintenance.

Trade name	BMW part number	Container size
Underbody protection, black starter kit	83 19 2 219 790	Set
Underbody protection spray, black	51 91 0 427 674	500 ml, spray can
Underbody protection, black	83 19 2 317 997	1000 ml, can

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<i>Trade name</i>	<i>BMW part number</i>	<i>Container size</i>
Seam sealing (sealant D1)	83 42 2 409 985	310 ml, cartridge
Seam sealing, spreadable (sealant D2)	83 42 2 409 986	310 ml, cartridge
Cavity foam	83 42 9 410 694	400 ml, spray can