

ELECTRICAL

Electrical System - Operating Fluids

1.0 BATTERY

Only distilled water (available locally) is to be used when topping up the electrolyte level.

If a new battery (delivered dry) is to be placed into service, use only battery electrolyte ("sulfuric acid"), available locally.

2.0 SEALANT/SUPER GLUE/CONTACT CLEANER

Sealant

Aftermarket accessory installations which require routing electrical wires through metal body panels are to have the access holes sealed.

(former BMW Part No. 81 22 9 400 013)

BMW PART NUMBER SPECIFICATION

Würth	Part No. 893430
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SUPER GLUE

The rubber seal around the trunk release button of E39 vehicles can be repositioned with Würth Rubberized Super Glue (Part No. 893 4103).

3.0 ELECTRICAL CONTACT ENHANCER AND CONTACT CLEANER

ELECTRICAL CONTACT/CONNECTOR GREASE

NyoGel 760G is resistive to moisture and can be used for a lubrication of tin-lead type electrical connectors.

NyoGel 760G BMW Part No. 83 23 0 392 297

ELECTRICAL CONTACT ENHANCER

Stabilant 22A evaporates and leaves a thin polymer film which is conductive between the mating surfaces, while staying non-conductive between adjacent pins. At the same time it prevents the formation of any further harmful deposits.

BMW PART NUMBER SPECIFICATION

Würth	Part No. 893622 (Stabilant 22A)
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NOTE: **1 : Stabilant 22A must not be used on Oxygen Sensor connectors. To function, oxygen sensors require a flow of oxygen through the terminal connector to the sensor element. Stabilant 22A will affect this flow of oxygen, and will result in irreparable damage to the sensor.**

NOTE: **2 : Stabilant 22A must not be used on plug connectors which carry fiber optics. Stabilant 22A may migrate to the fiber optic and attenuate the optical signal.**

CONTACT CLEANER SPRAY

Use to clean electrical and electronic components of dirt, grease, etc. Will not harm components or epoxy coverings. Allow to air dry. **Do not** dry with shop air supply as this may contaminate the connector.

BMW PART NUMBER SPECIFICATION

Wurth	Part No. 89365 (Zero Residue Electrical Contact Cleaner)
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