

# JLR-BOB/SCC HVR40



Operating Instructions  
HV-measurment adapter



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# JLR-BOB

## HV-measurement adaptor

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**Operating instructions**  
**HV measurement adaptor JLR-BOB**

**1 Generally**

**1.1 Notes on the instructions**

**State of the Art**

These measurement adaptors are in accordance with the current state of the art. Expert and safety-conscious operation is required to ensure safe functioning of the device.

**Read the operating instructions**

Prior to using the measurement adaptor, please read the operating instructions carefully. The manual is to be considered in every case.

**Activities**

All activities required for proper operation are outlined in the operating instructions. The adaptor may not be used in any way other than as expressly authorized by the manufacturer. If the device is not used in accordance with the operating manual, the protection provided may be impaired.

**General notes**






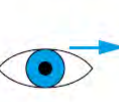
Inspection, assembly and repair works may only be carried out by trained staff. If malfunctions occur, they may be independently remedied only where the respective maintenance processes have been identified.

**1.2 Pictogram legends**

Comply with all notes and safety instructions

In these operating instructions, some sections are identified with internationally known warning signs, risk phrases and general instruction signs.

The individual pictograms will now be explained.

	Follow the operating instructions		High Voltage! Mortal Danger!
	Observe the general instructions		Warning of dangerous electrical voltage
	No persons with pacemakers		Please note the following!

1.3 Labeling on the measurement adaptors



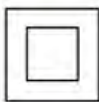
CE-labeling



Do not dispose of in household waste



Maximum voltage permitted



Dual or reinforced isolation



Danger site



Ground-shield

Type: Break-out Box JLR-415-060-02  
Type No: EN7587

**Type reference**

Danger identification



High voltage! Caution!  
Danger to life!



Danger of electric shock



Read operation instructions prior to use

Serial No: 000001

Quality inspection note,  
serial number



warnings

## 2 Technology

### 2.1 Functioning



The high-voltage measuring adapter JLR-BOB HVR40 is a tool to connect to the HV system of the Vehicle measurements to de-stress and resistance and insulation resistance measurements. Only qualified persons may use this measuring adapter.

### 2.2 Safety instructions

The JLR-BOB HVR40 measurement adaptor set is exclusively intended for measuring resistance and voltage. The tool may only be used for purposes that pose no danger to man and machine. The JLR-BOB HVR40 measurement adaptor set is only to be used as described in the operating instructions. Any alteration to the measurement adaptor or any other forms of use are the sole responsibility of the operator.

Make sure that the measurement adaptor set is in a flawless state and that all functions for safe operation are ensured.

Observe the applicable accident prevention regulations for the respective countries.

Wear personal protection gear!

Never throw or drop the JLR-BOB HVR40 measurement adaptor set. Never misuse the JLR-BOB HVR40 measurement adaptor set or allow it to be used by untrained staff!

Make sure that the JLR-BOB HVR40 measurement adaptor set is used in a workspace free of heat sources (max. 40°C / 77°F), corrosive fluids, oil and grease.

The JLR-BOB HVR40 measurement adaptor set must never be used in areas at risk of explosion.

Ensure that the JLR-BOB HVR40 measurement adaptor set is positioned on a non-slip surface and that the device cannot be damaged. Use only tools and equipment that are not worn out and that show no signs of damage.

Damaged tools and equipment can result in severe injury!



### 2.3 Maintenance and repair

The manufacturer assumes no liability for damage resulting from improper repair or the use of non-original spare parts.

Faulty operation of the measurement adaptors that leads to damage voids the warranty.

If in doubt, always contact an expertly trained firm or Stodia. You will find the respective contact details in these instructions.

In the case of visible damage, the components must be replaced. Damaged components can result in severe injury!

Check contacts and connections for damage.

The operator may only carry out the maintenance and repair measures that have been outlined in these operating instructions. Maintenance and repair work not outlined in these operating instructions may only be carried out by expert staff following training by Stodia.

This product has been tested to the requirements of CAN/CSA-C22.2 No. 61010-1, second edition, including Amendment 1, or a later version of the same standard incorporating the same level of testing requirements.

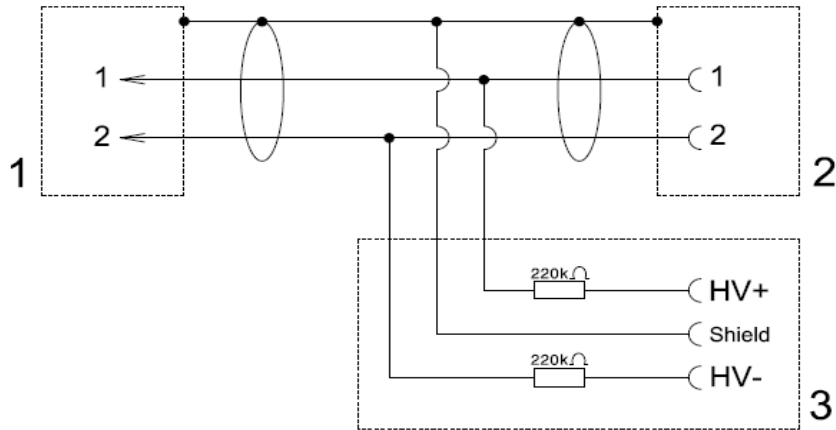
For further information concerning service work or training, please contact our service address:

Stodia GmbH  
Im Freitagsmoor 45  
D-38518 Gifhorn  
Germany

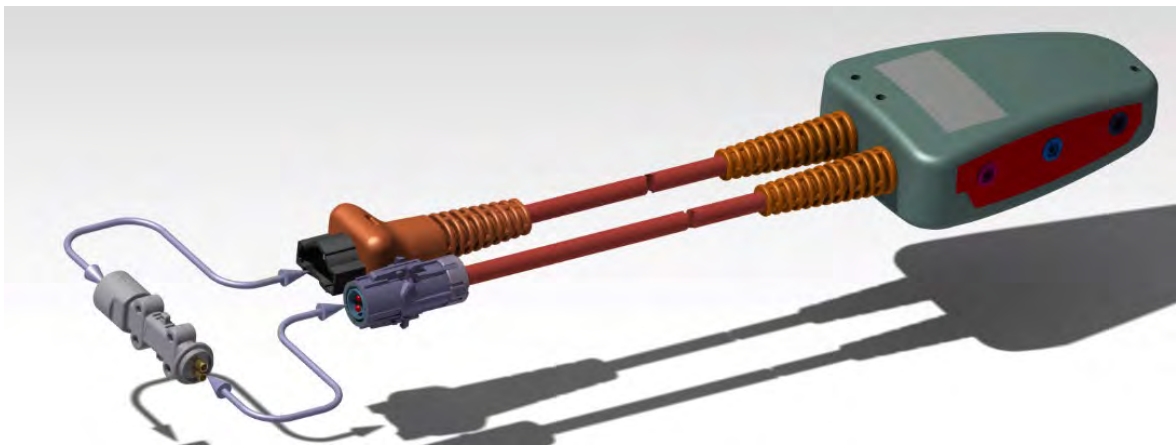


## Operating instructions HV measurement adapter JLR-BOB

### 3 Technical drawings and illustrations



### 4 Connection of the SCC to the BOB for a self-test



### 5 Warranty

There is a 24 month guarantee on Stodia measurement adaptors for those defects that can be traced back to material or manufacturing defects.

The guarantee time commences on the date of delivery, confirmed on the invoice or the delivery note.

The guarantee is valid for the user/buyer if the measurement adaptors were purchased from an authorized seller and used for their intended purpose.

The guarantee is void if the measurement adaptors were used for purposes contrary to their intended use.

The guarantee is also void if the measurement adaptors were not used in accordance with the operating instructions.

In the case of a defect or malfunction, Stodia will replace or repair only faulty parts, at its own discretion.

Service address:  
Stodia GmbH  
Im Freitagsmoor 45  
D-38518 Gifhorn

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Germany

### 6 Storing measurement adaptors

The measuring adapters should be stored in a suitable storage case.

### 7 Technical dates

Terminal panel:                   CAT I 1.000V  
                                          CAT II 600V  
                                          CAT III 300V

Measurement category corresponds to a combination of measuring equipment and accessories to the lowest value of the measurement categories of test gear and accessories.

Maximum rated current: 1mA

Indoor use.

The HV-measurement adaptor JLR-BOB HVR40 can be used up to 4000 meters above sea level.

The HV-measurement adaptor JLR-BOB HVR40 can be used up to 40 ° C.

The HV-measurement adaptor JLR-BOB HVR40 are specified for relative humidity at 25 °, 10 to 80%.

The HV-measurement adaptor JLR-BOB HVR40 are to be stored at -20 to 55 ° C and are specified for relative humidity 10 to 80%.

### 8 Cleaning and Decontamination

Cleaning and decontamination are permitted only with a dry cloth.

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