

INSTRUCTIONS

BREAKLINE AUTOMOTIVE WIRE TESTER

PACKAGE CONTENTS

- Storage bag
- Receiver
- Transmitter
- Instruction manual

TECHNICAL SPECIFICATIONS

- Input voltage: DC 9 V = 20 mA
- Material: ABS
- Receiver size: 204 × 44 mm
- Transmitter size: 58 × 68 mm
- Power supply: 2 × 9 V battery (not included)



COMPONENTS



1. Transmitter
2. Transmitter TEST/OFF/CONTINUOUS switch
3. Test wires
4. Receiver
5. Probe
6. TEST button
7. Rotary switch
8. Sensor
9. Speaker

CAUTION

- Only use the device on DC circuits that do not exceed 42 V.
- Do not use on AC circuits.

- Do not use on any components of the car's ignition system.
- Before using the device, check the vehicle's electrical wiring and disconnect any part or system sensitive to current pulses such as airbags, electronic control modules, etc.
- After you finish with checking the vehicle, make sure to restore all disconnected connections.
- Always follow procedures listed in your vehicle's instruction manual before disconnecting any part of the electrical circuit.
- Not following these recommendations can result in serious personal injury or damage to your instruments or vehicle.

HOW TO SET UP THE TESTER

- Remove the battery compartment cover on the receiver and transmitter (you will need to unscrew the screw on the back of the transmitter). Insert a 9 V battery (not included) into each of the two units, then close the battery compartments (screw it shut on the transmitter).
- Set the transmitter's switch to TONE. A red LED light will turn on. If the light doesn't turn on, check the transmitter's battery.
- Switch on the receiver, then set the intensity switch to the middle position. Press and hold the TEST button and move the sensor close to the test wires of the

transmitter. If the receiver makes an audio signal, both units are operational.

WIRE TRACING AND LOCATING OPEN CIRCUITS

- Connect the black test wire to the circuit's positive power supply (or to the negative for vehicles with a positive supply connected to the chassis). Then, connect the red test wire to the wire you wish to trace.
- Set the rotary switch on the receiver to the middle position. Press and hold the TEST button and move the probe as close as possible to the wire you wish to trace. Make sure you hold the sensor at a 90° angle to the wire for optimal results.
- The receiver will give off an audio signal when close to the wire. Trace the wire by following the signal with the sensor. If you move away from the wire, the audio signal will weaken and then disappear.
- You will find an open circuit when the signal breaks while tracing a wire.
- If you have difficulty finding a signal, or if the signal is weak, increase the sensitivity by turning up the rotary switch.
- When you finish testing, disconnect the test wires and release the TEST button on the receiver.

CHECKING FOR SHORT CIRCUITS


- Remove the power and all the loads from the wire you wish to check.
- Turn the transmitter's ON/OFF switch to CONT and connect the two test wires to the wire.
- If the green LED on the transmitter lights up, the wire is shorted.

WARNINGS

- Only use the product for its intended purpose.
- Do not disassemble or modify in any way.
- Make sure you follow all precautions when working with electrical equipment. Failure to do so may result in property damage, personal injury or even death.
- Keep away from moisture and heat.

WARRANTY

The warranty is valid for 24 months. You can claim it from DFVU d.o.o., Liparjeva 6a, 1234 Mengeš, Slovenia, for a replacement product or a refund. Send us your order number and purchase date in the email, which is available by clicking on our logo in the bottom right corner. The product has a lifetime of 24 months from the date of collection.

	WEEE disposal and recycling symbol. The WEEE symbol is attached to the product in compliance with the EU directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). It is intended to deter the improper disposal of this product and to promote reuse and recycling.
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