



Tester for 7-pins plug & socket connection

This tester has one side to connect the 7-pins plug of a trailer and another side to connect the 7-pins socket of a car. This tester indicates defective wiring or failure of either a car or a trailer.



The function of each LED is (acc Iso 1724):

- 1. left hand indicator (yellow)
- 2. fog light or 12V (blue)
- 3. mass (white)
- 4. right hand indicator (green)
- 5. right rear light (brown)
- 6. left brake light (red)
- 7. left rear light (black)

NB If the vehicle is equipped with an electrical fog light interruption relay, this has to be tested with a 21 Watt bulb.

Trailer (can also be a caravan or bicycle carrier) Put the plug in the connection of the tester. Press the yellow button on the side of the tester. If the wiring is good, all the LEDs light up.

Car, camper Put the tester in the socket of the car. Press the yellow button on the side of the tester. If the wiring is good, all the LEDs light up.

You can also test the functions of each pin of the socket.

1. Switch on the left hand indicator (after switching on the ignition key).
2. The corresponding LED must flash with the same frequency. If not, the left hand indicator wiring is defective.
3. Repeat steps 1 and 2 for the right hand indicator, rear light, fog light and brake lights. With a +/- 4 m extension cable, you can test the functions from the driver's seat more easily.

Attention: Pin no 2 can be used either for a warning fog lamp or a permanent 12V connection. If a LED doesn't light up, it is because the corresponding wire is defective.

	Problem	Trailer	Car (by pressing yellow button)
1	Some LEDs do not light up.	Wire damaged or bulb defective. Bad contact.	See left.
2	None of the LEDs light up.	Mass wire damage or all bulbs defective. Check battery of the tester.	See left.
3	One or more LEDs are weak or twinkle.	Wire damaged or contacts dirty in the plug.	Wire damaged or contacts dirty in the socket.
4	All the LEDs are weak or twinkle.	Mass wire damaged. Check the battery of the tester.	See left.
5	The lights of the trailer do not light up but the LEDs do.	Short-circuit in the trailer wiring. The fuses will break.	