



INSPECTOR 910B

**AUTOMATED TRAILER TESTER
AIR BRAKE, ABS, and ELECTRICAL SYSTEMS**



LITE-CHECK INSPECTOR 910B

Take control of your fleet maintenance with process driven trailer inspections:

*Rapid
Reliable
Economical
Technician-Friendly*

- *Directly identify electrical faults*
- *Read ABS faults in less than 1 minute*
- *Reduce troubleshooting times by 25% and more*
- *Speed every trailer inspection by every technician*

THE INSPECTOR 910B FEATURES...

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| <ul style="list-style-type: none"> • Direct readout of electrical faults <ul style="list-style-type: none"> ✓ <i>Open Circuit</i> ✓ <i>Open Ground</i> ✓ <i>Short w/all circuits identified</i> ✓ <i>Chassis Ground</i> • Full air management with regulated air for remote brake application • One-button ABS ECU identification and fault readout for MERITOR, HALDEX, BENDIX, and WABASH systems • Amperage measurements for each circuit • Air leak testing for Emergency (Supply) and Service (Control) air systems | <ul style="list-style-type: none"> • Automatic voltage reduction when chassis grounds are identified prevents damage to trailer electrical systems • Built-in automatic 7-way cable test eliminates cable as a source of problems • Tractor mode tests battery and alternator voltage, and all of the 7-way circuits • Upgradeable software • Reads mileage info from trailer ABS • Emergency/Service air interlock to prevent compounding • Automatic "All Circuits" test quickly identifies trouble spots |
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LITE-CHECK LLC

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www.lite-check.com

LITE-CHECK: ADVANCED TECHNOLOGY FOR TRAILER & TRUCK MAINTENANCE

LITE-CHECK INSPECTOR 910B FEATURES

Key Feature – ABS Active Fault Repair Guidance

Now with the touch of a key, you can display the manufacturers recommended ABS repair procedure!

SAFEGUARDS: *Firmware features*

- Reversed polarity protection
- Shut down with high or low voltages
- Anti-compound prevention locks out service air until emergency air is applied
- Intelligent messages

TRAILER AIR BRAKE OPERATION: *The air brake inspection is greatly simplified by observing the brake operation at the axles using the remote control*

- Emergency brake operation (Uses incoming air supply. Ideally @ 110 psi)
- Service brake operation (Pressure regulated to 85-90 psi within tester)
- Air system leak test
- Automated air management applies emergency air before service air

TRAILER ELECTRICAL OPERATION: *The lighting system has become more important for ABS/PLC operation*

- Display voltage and amperage with circuit condition
- Automatic fault alarm with display
- Verify wiring using the remote control
- Perform TMC Recommended Practice 141 (total trailer amperage draw)

TRAILER ABS AND PLC OPERATION: *The LITE-CHECK firmware updates keep your tester current with the latest ABS controller developments*

- Automatic detection and display of fault codes via the 7-way cable
- Displays trailer mileage information from ABS controllers
- Power-line-communication (PLC) support for Haldex, Bendix, Meritor and, Wabash ECU's
- Automated "Blink Code" support for older Meritor-Wabco and Wabash ABS controllers

TRACTOR OPERATION: *An easy method of identifying electrical problems*

- Display tractor electrical output with tractor voltage
- Perform TMC Recommended Practice 137 (tractor output voltage)
- Operate truck service brakes with brake actuator and remote control

VEHICLE CABLE TEST: *Easy automatic test of the 7way cable*

- Automatically displays PASS or FAIL when a cable is inserted into the tester
- Identifies crossed-wires, shorts, and opens

LITE-CHECK automated testers are the "One Tool" for vehicle brakes, lights, air and ABS that is easy to use by a single technician. The LITE-CHECK INSPECTOR series of automated testers operates on 12 volts DC, and is perfect for both shop and mobile applications. All necessary software is built-in and can be upgraded to keep your tester current as trailer and vehicle technology advances.

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ABS Diagnostics and Troubleshooting

The *INSPECTOR 910B* includes technology to use the 7-way cable for ABS testing and communications.

INSPECTOR Supported ABS Manufacturers

The following manufacturers and types of ABS are supported by the LITE-CHECK INSPECTOR 910B tester with software revision 8.2 or greater:

MFG	Direct Communication (PLC)				Automated Blink Code				Built-in Troubleshooting Guidance
	ACTIVE FAULT		STORED FAULT		ACTIVE FAULTS		STORED FAULTS		
	Read	Clear	Read	Clear	Read	Clear	Read	Clear	
Meritor Wabco	✓	✓	✓	✓	✓	✓	✓	✓	✓
Haldex & Haldex TRS	✓	✓	✓	✓					✓
Bendix EC30-T	✓	✓	✓	✓					✓
Bendix TABS-6	✓	✓	✓	✓					✓
Wabash	✓	✓			✓	✓	✓	✓	

All information and help/repair guidance screen directions were obtained from each of the above ABS OEMs. The LITE-CHECK process conforms to each OEMs procedure.

NOTE: If the 910B tester does not support a particular ECU, the tester display will read "NOT SUPPORTED AT THIS TIME" or "UNABLE TO DETERMINE ECU TYPE".

*LITE-CHECK's INSPECTOR software version 8.2 and above provides **trailer ABS mileage readings**. All INSPECTORS currently operating with version 8.0 or 8.1 of the INSPECTOR software will accept this software upgrade. Older 910B units operating with software version 7.x or older can be modified to accept the latest version of the INSPECTOR software and will provide 100% of the functionality of a brand new INSPECTOR.*

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LITE-CHECK INSPECTOR 910B ACCESSORIES



300K Shop Kit Includes:

- Cart with 2 shelves predrilled to mount your 910B tester and 311R power supply (both sold separately)
- 1 each 8 foot 7-Way Cable
- 2 each 8' Air hoses with gladhands (1 black hose, 1 red hose)
- External Air Filter / Pressure Regulator
- Complete assembly instructions and all required hardware and fittings

Provides a complete package for your shop application.

Need to use it out in the yard? Just mount a 12v battery on the bottom shelf connected to the power supply and tester. Unplug the power supply from the source and you are ready to test with a fully charged battery.

301M Service Truck Kit Includes:

- 1 each 20' 7-Way Cable
- 2 each 20' Air Hoses with gladhands (1 black hose, 1 red hose)
- Air Filter Regulator with mounting bracket and fittings

Service Truck applications require a dedicated 12v battery for the 910B tester.



Please visit our website at www.lite-check.com for additional accessories and the latest product information.

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