

# The INSPECTOR 910B

The leader in remote controlled trailer diagnostic and repair equipment.

Presenting an electronic HD trailer electrical, air brake, and ABS inspection tester that is quick, reliable, and durable from LITE-CHECK, the leader in technician-friendly fleet test equipment.

For over 15 years the INSPECTOR 910B has been working along side technicians battling ABS faults. The INSPECTOR 910B provides one touch identification and fault display for Bendix, Haldex, and Meritor systems.

Add LITE-CHECK's INSPECTOR 910B to your arsenal of tools. It's the high value, consistent, quick and easy HD trailer inspection tool.



The full function remote control lets a single technician perform every test without a tractor! This helps to keep maintenance costs low, and keep your fleet on the road faster and more efficiently.

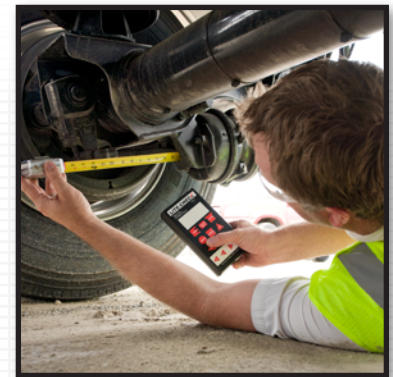
If CSA and DOT inspections are affecting your fleet records implement the INSPECTOR 910B and clean up your scores. When you need a light, brake, and ABS test, you need LITE-CHECK!



NO TRACTOR REQUIRED  
1 TECHNICIAN OPERATION



TRAILER ABS SOLUTIONS



FULL FUNCTION REMOTE CONTROL

# INSPECTOR 910B FEATURES

## **SAFEGUARDS: Firmware embedded**

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

## **TRAILER ELECTRICAL OPERATION (with remote control)**

- Display circuit voltage and amperage with condition
- Automatic fault alarm for circuit faults
- Full function remote control operation to verify lamp operation
- Auto circuit test
- Perform TMC Recommended Practice 141 (total trailer amperage load)

## **TRAILER AIR BRAKE OPERATION (with remote control)**

- Regulated emergency air application (incoming air supply normally set at 110psi)
- Regulated service air application (internal air set at 90psi)
- Air system leak down test

## **TRAILER ABS/PLC OPERATION**

- Automatic ECU identification and display of PLC fault codes after 2001
  - BENDIX, HALDEX, MERITOR-WABCO
- Blink code support for prior 2001 MERITOR-WABCO and WABASH ABS
- Displays trailer mileage on PLC models

## **TRACTOR OPERATION**

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

## **VEHICLE CABLE TEST**

- Automatic displays PASS or FAIL with cable test
- Identifies crossed-wires, shorts, and opens

## **REQUIREMENTS:**

- Power: regulated filtered 12vdc (battery not battery charger) or LITE-CHECK POWER SUPPLY 311R
- Air: regulated filtered shop or truck compressed air supply of 120psi

**WARRANTY:** One year limited parts and labor. Repairs and service performed at LITE-CHECK, Spokane Washington.

**One Tool, One Person, One Process. LITE CHECK.**

LITE CHECK, LLC.  
3102 E. Trent Avenue  
Spokane, WA 99202  
(800) 343-8579 or (509) 535-7512  
Email :: [info@lite-check.com](mailto:info@lite-check.com)

# ABS DIAGNOSTICS AND TROUBLESHOOTING

The INSPECTOR 910B has ABS code software installed for a simple 'ONE BUTTON ABS' solution. The current software version of 8.25 will identify the ABS Manufacturer and read both active and stored faults.

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

NOTE: If the INSPECTOR 910B does not support a particular ECU, the tester display will read "NOT SUPPORTED AT THIS TIME" and "UNABLE TO DETERMINE ECU TYPE". If it is the WABCO or WABASH type prior to year 2001, select the type to read the blink code on the display screen.

ABS MFG	POWER LINE CARRIER (PLC)					BLINK CODE (prior 2001)			
	ACTIVE FAULT		STORED FAULT		CODE REPAIR	ACTIVE FAULT		STORED FAULT	
	READ	CLEAR	READ	CLEAR		READ	CLEAR	READ	CLEAR
MERITOR	yes	yes	yes	yes	yes	yes	yes	yes	yes
WABCO									
HALDEX & TRS	yes	yes	yes	yes	yes				
BENDIX EC30-T	yes	yes	no	yes	yes				
BENDIX TAB -6	yes	yes	yes	yes	yes				
WABASH	yes	yes				yes	yes	yes	yes

NOTE: 8.25 version does not read Road Stability Systems

LITE-CHECK's INSPECTOR software version 8.2 and above provides **trailer ABS mileage**. All INSPECTORS currently operating with 8.0 or 8.1 software will accept this software upgrade by replacing the memory chip in your shop. Older 910B testers operating with software version 7.42 or older can be upgraded by replacing the electronics for the current version with 100% functionality of a brand new INSPECTOR.

## LITE-CHECK 3step ABS PROCESS

The LITE-CHECK 3step ABS PROCESS is recommended to speed up the diagnostics and repair of ABS.

1. **Test Brake Circuit** for correct operation to provide secondary ECU power and operation.
2. **Test Auxiliary Circuit** for correct operation to provide primary ECU power and operation.
3. **Press ABS** to identify ECU type and read codes.
  - a. **Press HELP** to retrieve manufacturers troubleshooting guide.
  - b. **Press STORED** to retrieve stored ECU fault codes
  - c. **Press CLEAR** to clear stored fault codes
  - d. **Press MILEAGE/AUTO CIRCUIT** to retrieve ECU mileage
4. **Press ABS** to return to TRAILER TEST

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## INSPECTOR 910B ACCESSORIES

**MODEL 300K SHOP KIT** - complete kit including the INSPECTOR 910B tester, 311R power supply, and knock down 4 wheeled cart with air lines, 7w cable, air filter regulator with necessary hardware for an easy set-up for the shop. Kit requires 110vac power and air source of 120psi.



**301M SERVICE TRUCK KIT** –includes 20ft air lines, 20ft 7w cable, and air filter regulator for the service truck



### MODEL 302A SHOP ACCESSORY

**PACKAGE**- includes 8ft air lines, 8ft 7w cable, and air filter regulator to help you for an easy set-up.

**311R POWER SUPPLY**- provides regulated filtered 12vdc 20amp power to the tester from your shop 110vac. Protects the trailer electronics including LED lighting and ABS.



**330A PEDAL ACTUATOR** – simple installation on the truck brake pedal against the steering wheel and powered by the brake service air from the INSPECTOR 910B. One Person can operate, inspect and adjust the truck's brakes with remote control.



**INSPECTOR 910B UPGRADES**- regardless of the age of the 910B testers, the functionality of the tester can be upgraded to the latest version with a 6 month warranty.

**FIELD TRAINING PROGRAM** – call LITE-CHECK for details

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