

LITE-CHECK 801M
LIGHT & BRAKE TEST STATION
NSN 4910-01-366-2563

LITE CHECK 801M

Model 800A- Light & Brake, Military Trailer/Tractor Tester
Model 312R -12vdc/24vdc Regulated Power Supply

1500cc air tank
test stand
air regulator
air hoses w/glad-hands
7w vehicle cable
complete documentation
GSA Contract GS-07F-0023K



The LITE-CHECK tester connects to a trailer with standard 7w/12w inter-vehicle electrical cables and air brake lines (no retrofitting). A mechanic operates the test station via remote control to directly observe the operation of the system under test. The tester automatically provides diagnosis of the vehicle's air brakes (emergency and service) and electrical lighting systems (standard and black out) by digital display and audible alarm faults. The tester can be plugged into a prime mover trailer socket for electrical output testing.

The integrated system provides 12vdc/24vdc power and proper air pressure levels to the vehicle under test. Designed for the shop or the system can be mounted on a service truck. 7w/12w connectors provide easy adaptability for commercial or military vehicle testing.

Test station requires 110psi air source and 110vdc power or battery power.

- **ONE PERSON** operation
- **ONE TESTER** for trailer brakes and lights
- **ONE TOOL** for trailer, prime mover, and cable testing
- **SIMPLE ACCURATE** diagnosis
- **INTEGRATED** everything you need on one mobile stand

LITE-CHECK 801M FEATURES

LITE-CHECK is the universal tool for wheeled vehicle brakes and lights.

REMOTE CONTROL:

- Operating range of 100 feet
- Operation is the same as tester panel switches
- Remote control is programmable for multiple testers in the same area

TRAILER AIR BRAKE OPERATION: The air brake inspection is greatly simplified by allowing the mechanic to observe the brake operation at the axles using the remote control.

- Emergency brake operation
- Service brake operation
- Air system leak test – detects air leaks in both the Emergency and Service

TRAILER ELECTRICAL OPERATION:

- Displays voltage and amperage with circuit condition (open/short/pass)
- Identifies conditions by pin number affected with circuit description.
- Operates with either 12vdc or 24vdc electrical systems
- Connections for 7w and 12w cables
- Automatic audible fault alarm with display
- Verify wiring/lamps operation using the remote control
- Performs tests on incandescent and LED trailer lights

TRACTOR OPERATION: A very easy method of identifying electrical problems.

- Operate tractor for electrical conditions (display faults like trailer)
- Perform TMC Recommended Practice 137 (tractor output voltage)
- Operate truck service brakes by connecting to towing air glad-hands

VEHICLE CABLE TEST: Automatic test of the 7way and 12w inter-vehicular cables

- Display of PASS or FAIL when cable is connected to tester
- Identifies problems (miss wire/open/short) and displays problem by pin number

SAFEGUARDS:

- Reversed polarity protection
- Automatic shut down with low voltages and high amperages
- Anti-compound brake operation
(Cannot apply service air without emergency release)

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