

LITE-CHECK 800A

QUICK REFERENCE OPERATING PROCEDURE

1. Requirements

- Read and become familiar with the operations manual
- Power Supply (12vdc for 7way cable; 24vdc for 12 way cable)
- 120psi shop air
- 2 air hoses with glad hands

2. Remote Control:

- Code is matched to the tester (pg. 7 operations manual)
- Red LED will light up when sending (replace 9v battery if not)
- Hold key for response (slight delay for encoding)

3. Cable Test:

- Make sure tester is powered up before connecting vehicle cables
- Set power supply to 12v or 24v depending on cable being tested
- Press TRACTOR key on display panel (do not operate circuit keys)
- Insert cable plugs into front and right side sockets on tester.
- Test is automatic and will read pass or fail on the display
- Disconnect cables and press TRACTOR

4. Tractor Electrical Test (tractor turned on):

- Make sure tester is powered up before connecting vehicle cables
- Set power supply to 12v or 24v & connect cable
- Press TRACTOR key (do not operate circuit keys)
- Operate tractor controls for lighting circuit output to tester
- Tester panel shows tractor output voltage and circuit operation

5. Tractor Electrical Test (tractor turned off):

- Make sure tester is powered up before connecting vehicle cables
- Set power supply to 12v or 24v & connect cable
- Operate tester keys for lighting circuit test of tractor lights
- Tester panel shows circuit operation

6. Trailer Electrical Operation

- Make sure tester is powered up before connecting vehicle cables
- One circuit will operate at a time
- Display will show circuit voltage, amperage and condition
- Circuit faults will be displayed and sound alarm (MUTE key turns off alarm)

7. Trailer Electrical Inspection:

- Make sure tester is powered up before connecting vehicle cables
- Set Power Supply to 12v or 24v & connect cable
- With Remote Control, walk along trailer observing lights
- Press light circuits as you observe the lamps:

CIRCUIT FAULTS will sound alarm & be identified on tester panel.

Note: some 'black out lights' are very low watt LED's and alarm may sound as an open even though they are operating

REPAIR LIGHTING CIRCUITS

- Press light circuit with fault – alarm will sound, display shows description.
- Work on circuit until alarm quits (circuit fixed) or changes (new fault)
- Tester will identify all faults on circuit in order.

8. Trailer Air/Brake Operation

- Make sure good connection of hoses to tester and trailer
- AIR LOSS TEST:
Press TRACTOR
Press EMER to release brake springs
Press SERVICE to apply service brakes

Wait for air system to stabilize

- Press **AIR LEAK TEST**
- Observe display for 60 seconds (Display will identify Pass or Fail)
- Use remote control at wheels to observe brake operation by cycling Brake on & off
- Make any necessary repairs & repeat test

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