



## MODEL 137 OUTPUT TESTER OPERATION MANUAL

### TRACTOR OPERATION – Connect 7-w cable and 2 airlines

ELECTRICAL OPERATION – RP 137C ABS supply, RP 141 trailer ABS power required, RP 144 cab ABS lamp

✓ **Auxiliary circuit has 5-amp load, brake circuit has 5-amp load, running lights have a 5 -amp for a total of 15-amps with all circuits**

1. Set tester switch to tractor.
2. Turn on ignition (battery output if engine is not running, alternator output with engine).
3. With 5-amp load, tester shows voltage available on ABS auxiliary line.
4. Trailer ABS lamp in cab will cycle indicating circuit is working.
5. Depress brake pedal to activate circuit with 5-amp load to show available voltage.
6. Turn on running lights and turn signals one at time to show available voltage.

AIR OPERATION – RP 619B, Air System Inspection

7. Release trailer parking brakes- observe air gauge with compressor operating.
8. Press brake pedal to apply service brakes – observe air gauge for pressure.
9. Turn off engine with ignition switch on and trailer parking brake applied.
10. Press brake pedal repeatedly to test low air warning system and observe pressure.

## TRAILER & DOLLY OPERATION –

1. Connect **MODEL 137 OUTPUT TESTER** 7-w cable and airlines to vehicle output
2. Set tester switch to trailer
3. Connect LITE-CHECK **INSPECTOR 920** with LITE-CHECK **313S Power supply** as source power and air

## ELECTRICAL OPERATION with **INSPECTOR 920** - RP 137C ABS supply, RP 141 trailer ABS power required

4. Press SELECT (yellow button) to apply more than one circuit.
5. Press Auxiliary to power ABS and observe ABS warning lamp along with the power output.
6. Press Brake to power brake and observe lamps along with the power output.
7. Cycle thru running lights and observe brake lamps along with the power output.

## AIR OPERATION

8. Apply Emergency air on **INSPECTOR 920** to observe output pressure.
9. Apply Service air on **Inspector 920** to observe output pressure.
10. Perform Air Leak Test on **Inspector 920** for vehicle operation.

**Bonus:** Perform an ABS test on the **Inspector 920** to read trailer or dolly ECU conditions.



**TRACTOR  
OPERATION**



**TRAILER or DOLLY  
OPERATION** using the  
**LITE-CHECK 920**  
remote control for  
application