

## Quickly Troubleshoot and Repair All Trailer Light & Air Brake Systems

The SUPER MUTT® places a load on the trailer's electrical circuits to identify wiring problems and provides remote control operation over both Air Brakes and Lights. Built to facilitate a one-man-testing operation, the SUPER MUTT® reduces guesswork and inspection time to prevent failures that lead to expensive road calls and citations. The remote control allows for repetitive air brake actuation at each axle to reveal developing problems often missed by normal testing procedures.



### Included:



2 Remote Controls

Air Regulator

10 ft. Chassis Ground Cable

5 ft. 7 Round Pin Cable

Air Brake Hoses



## DIAGNOSTIC FEATURES

### Air Brake Testing

- Operate air brakes by remote control (100 ft. wireless operating range)
- Real-time repetitive brake activation to find developing problems
- Perform leak down test on service & emergency lines
- Adjust slackers and measure push rods using remote control
- Verify leaking servo cans



Remote Control Air Brake Testing

### Electrical Testing

- Power lights individually, all at once, via auto scan or by remote control
- Ground failure detection differentiates between bad wire and chassis ground
- 7-way "pigtail" cable testing
- Identifies open circuits and cross wired circuits
- Pulses power to shorted and overloaded circuits (patented Pulsar® technology)
- Access ABS fault codes via aux. & brake circuit activation (i.e. Wabco/Bendix Tab-6 systems)
- Amperage readout (0-20 Amps)
- Audible and visual alerts



LED Showing an Open Circuit

### Remote Control

- For lights & air brakes
- Sync multiple (24) remotes to one unit
- 100 ft. operating range

DVD INSTRUCTIONS  
AVAILABLE



# SUPER MUTT®: RETURN OF INVESTMENT



The SUPER MUTT® pays for itself in 30 days or less. On average it saves 30 minutes of inspection time with ONE technician for all phases of trailer inspection.

When an electrical problem is discovered, the MUTT® cuts hours of lost time by utilizing its internal diagnostic program. The SUPER MUTT® is not just a light checker, but the PULSAR™ feature makes it the most powerful diagnostic tester available in one package. Thousands of shops in North America are now saving a tremendous amount of time and money with the SUPER MUTT®.

The tables below show how the diagnostic features and remote control greatly improve efficiency. If your shop is using a rudimentary trailer tester such as, a battery on a hand truck with toggle switches, note how it only supplies power and does not tell you what the problem is. The microprocessor in the SUPER MUTT® eliminates guess work by identifying the problem so the tech can immediately fix it. With the remote control, one technician can now operate air brakes, inspect the operation of servo movement and perform accurate slack adjustments.

## Simplify Inspections & Preventative Maintenance Schedules

ELECTRICAL SYSTEM TEST POINTS	MUTT® PROCEDURE
1. CHECK 7 WAY CABLE	MUTT® performs <b>2 second scan</b> to verify cable connectivity and alerts tech to a bad pin.
2. VERIFY PROPER GROUND	Performs ground scan in startup sequence ( <b>2 second scan</b> ).
3. TEST TRAILER LIGHTS/WIRING	Performs open circuit/connectivity scan in startup sequence and alerts tech to problem circuits in approximately <b>2 second scan</b> .
4. VERIFY CIRCUIT PERFORMANCE	Select each circuit and view amperage draw ( <b>15 second scan</b> ).
5. VERIFY PROPER WIRING CONFIGURATION	Use wireless remote to operate lights as tech performs one walk around trailer. <b>Approximately 60 seconds</b> .
<b>TIME SAVINGS = 15 MIN. (Healthy Trailer); 45+ MIN. (Problem Trailer)</b>	

AIR BRAKE SYSTEM TEST POINTS	MUTT® PROCEDURE
1. VERIFY POWER TO ABS CIRCUIT	Performs open circuit scan upon MUTT® startup ( <b>2 seconds</b> ).
2. ACCESS ABS CODES	Pulse power to ABS control module in proper sequence using MUTT® ( <b>5 Seconds</b> ).
3. AIR BRAKE LEAK DOWN TEST	Charge air brakes with MUTT®, view gauges for pressure loss ( <b>60 seconds</b> ).
4. PUSH ROD TRAVEL	Activate Brakes with wireless remote at each wheel ( <b>one man operation</b> ).
5. SLACKER ADJUSTMENTS	Activate Brakes with wireless remote at each wheel ( <b>one man operation</b> ).
6. BRAKE RESPONSE TIME	One man activates brakes with remote control watching each side of the braking system for proper overall operation. This feature greatly improves safety and efficiency and improves inspection accuracy.
7. EQUAL BRAKE	
8. EQUAL BRAKE DEACTIVATION	
<b>TIME SAVINGS = 15 MIN. (Healthy Trailer); 45+ MIN. (Problem Trailer)</b>	