

USA MANUFACTURER OF INNOVATIVE TOOLS & EQUIPMENT

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#9102-D20C

SPECIALTY TOOLS • ABRASIVES • TRAILER TESTERS

HEAVY RANGER® MUTT® Mobile Universal Trailer Tester





Test Trailer Lights, Brakes, and 12V Circuits, No Truck Needed! Built for 7-Way Round Tractor Trailers - Rugged, Water-Resistant, and Made in the USA

The **Heavy Ranger**® **MUTT**® is a rugged, water-resistant trailer tester designed for commercial trailers with 7-way round (SAE J560) pin connections. It utilizes a DeWalt® compatible 20V battery to power each trailer circuit—no truck required—to verify wiring configuration, ground integrity, short circuits, brake light function and turn signal operation.

Built for reliability in shop or yard environments, this standalone unit speeds up diagnostics, prevents blown fuses and eliminates guesswork. With built-in short circuit protection, rugged construction, and USA-made quality, it's a must-have for technicians and trailer owners.

Features and Benefits

- Tests 7-way round (SAE J560) pin tractor trailer harnesses without connecting to a truck
- Simulates turn signals, brake lights and 12V power for system verification
- · Power up ABS circuit for blink diagnostics
- · Visual LED confirms power output at each circuit
- Rugged, water-resistant design for field or shop use
- Internal DeWalt_® 20V compatible battery adapter (battery not included)

BRAKE LIGHT L/SIGNAL CLEARANCE OFF Max. Load: 10A @ 12V DC ONLY Internal 10A Auto-Resetting Thermal Breaker (20-Second Cooldown) Power LED illuminated in OFF position indicates battery is delected on trailer. LED will go out if breaker is tripped.





7-Way Round (SAE J560)



Input: 20V

Output: 10A @ 12V DC

Battery Type: DeWalt® Compatible 20V

(Battery Not Included)

Overload Protection: Automatic Resetting

Thermal Circuit Breaker

Controls: Manual Control Knob

Weight: 2 lbs. (Empty)





Also Available:

#9101-D20C Light Ranger MUTT_® For utility and RV-type 7-way flat (SAE J2863), 6-way round and 4/5 pin type trailers