

#9102-D20C

HEAVY RANGER® MUTT® (7-WAY ROUND PIN) COMPATIBLE WITH DeWALT® 20V BATTERIES



Test Trailer Lights, Brakes and 12V Power Without a Truck; Avoid Blown Fuses and Guesswork!

The **#9102-D20C Heavy Ranger® MUTT®** Compatible with DeWalt® 20V Batteries is a portable, water-resistant trailer tester with a built-in, proprietary, smart adapter system. It makes trailer testing more flexible and reliable in the field by simulating all the truck's towing circuitry, allowing fast, fuse-free testing without needing a truck. Built for commercial trailers (J560), it is a versatile solution for confirming wiring configuration, ground integrity, short circuits, brake function and turn signal operation.

The patent-pending design stabilizes current, providing a failsafe barrier that protects the trailer, circuitry and battery cells from short circuits and premature depletion. By maximizing efficiency, it significantly extends runtime, allowing more tests per charge while neutralizing RF interference and heat to ensure 100% diagnostic accuracy. This USA-made, standalone unit speeds up diagnostics, prevents blown fuses and eliminates guesswork with built-in short circuit and battery protection.

Features and Benefits

- Simulates running lights, turn signals, electric brakes and 12V power
- Tests 7-way round pin (J560) trailer harnesses without connecting to a truck
- Integrated battery adapter stabilizes current flow, extends battery life and protects against short-circuit damage
- Compatible with DeWalt® 20V batteries (battery not included); adapter is not cross-compatible; must confirm specific model for intended use

Specifications

Connection Type:	7-Way Round (J560) Pin
Voltage Input:	20V
Voltage Output:	10A Continuous / 12A (15-sec inrush)
Battery Amp Hour:	1–15Ah
Battery Type:	Compatible with DeWalt® 20V Batteries (Battery Not Included)
Overload Protection:	Automatic-Resetting Thermal Circuit Breaker
Controls:	Manual Control Knob
Materials:	Polypropylene and Powder-Coated Steel
Weight:	2.5 lbs. (empty)
Patent:	Pending

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



Faceplate



7-Way Round Pin



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