



DTNA ACHIEVE COMBINED HARNESS, FUNCTION AND LOOP RESISTANCE TESTING FOR eVEHICLES

Daimler Trucks North America (DTNA) is aiming to shape the logistics transportation of tomorrow. They're developing solutions which benefit businesses, society and the environment - electrified mass transit vehicles (heavy and medium duty trucks and school buses).

DTNA ordered the F1500 Automeg system with loop resistance testing included. The system enables them to test wire harnesses on both the cab and chassis to determine all wiring is pinned correctly, verifying they have no shorts and/or bad connections.

The system includes function testing to verify all active components are operating correctly prior to any connection to the battery system.

Once all function and harness tests are complete, DTNA use the loop resistance tester to verify all ground straps are connected properly to remove any risk of shock to the end user. With this being an electric truck this a critical safety measurement that only MK Test Systems can provide as part of a harness testing system.

Daimler selected MK Test systems as the only major test and measurement supplier capable of providing a system with the required specification.

INDUSTRY:	Electrical mass transit vehicles (eTrucks & eBuses)
REQUIREMENT:	Combined wire harness testing & loop resistance testing; function testing of active components
SOLUTION:	Automeg F1500 harness test system with loop resistance testing included
BENEFITS:	Flexibility of combined test capabilities; expertise in electrical test & measurement

DAIMLER TRUCK
North America

