

Module #2

AMBULANCE ELECTRICAL ARCHITECTURE & MULTIPLEX SYSTEM

Inside the system: how ambulance electrical architecture works

- Audience: Intermediate-level techs responsible for diagnostics or system management
- Level: Intermediate
- Prerequisite: Module #1 (or basic electrical knowledge)
- Duration: 2 hours
- Location: At your facility, at the OEM plant, or online (webinar)

Curriculum

- Overview of the ambulance electrical architecture (MMC)
- Module explanation
- Network (CAN, OBDII)
- ECU location
- Module address
- Panel reduction

Key Takeaways

Participants will leave with a clear, integrated understanding of how electrical power and digital signals circulate throughout a modern ambulance. They will recognize where each control module is located, how communication networks interact, and how multiplexing organizes information and commands. This foundation allows technicians to interpret system behaviour logically, isolate faults faster, and approach troubleshooting with far greater confidence and precision.



Official certification
at the end of the session.

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Enroll your team
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Course content and curriculum are subject to change without notice and may be customized based on customer requirements. This module may be delivered individually or combined with other modules as part of a customized training program. For more information, please contact your Customer Care Specialist.

Demers Ambulances, Crestline Ambulances Customer Care Training Program
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