FACT SHEET

SAE Ground Vehicle Technical Committees: Motor Vehicle Council Electrical Systems Group

The Electrical Systems Group is responsible for the maintenance, project monitoring and forward planning of all standards projects and the timetables established for those projects by the Technical Committees in the areas of:

- Power Distribution
- Power Systems
- Powertrain/Chassis Electronics
- Electrical/Electronic Reliability
- Multiplexing and Diagnostics
- Lighting and Signaling
- Intra/Extravehicular Electromagnetic Compatibility

as related principally to passenger cars or light trucks and defined by the Motor Vehicle Council.

The Group is responsible for organizing or abolishing Technical Committees as needed to undertake and complete the preparation of SAE technical reports in their interest area. This responsibility includes coordination with other Systems Groups to eliminate areas of conflict and duplication and ensure that evolving needs are anticipated and met.

The Group shall conduct an annual review of its Technical Committees to ensure that new technologies are being addressed within the existing Technical Committees. If no such committee exists, a new committee will be organized.

The Group Director shall provide a status report to the Motor Vehicle Council, the group’s committees and the electrical systems portion of the automotive industry and SAE.

Participants in the SAE Electrical Systems Group include OEMs, suppliers, consulting firms, government, and other interested parties.

SAE Electrical Systems Group Technical Committees

Automotive Electronic Systems Reliability Standards Committee
Cable Standards Committee
Connector Systems Standards Committee
Circuit Protection and Switch Devices Standards Committee
Electromagnetic Compatibility (EMC) Standards Committee
Electronic Design Automation Standards Committee
Electrical Distribution Systems Standards Committee
Embedded Software Standards Committee
SAE Electrical Systems Group Technical Committees

Harness Covering Standards Committee
Vehicle Architecture for Data Communications Standards Committee
Vehicle E/E Systems Diagnostic Standards Committee
Vehicle Electric Power Supply System Standards Committee
Vehicle Event Data Recorder Standards Committee
Vehicular Flat Panel Display Standards Committee

SAE Electrical Systems Group Standards Development & Revision Activities

J1346 Guide to Manifold Absolute Pressure Transducer Representative Test Method

J1347 Guide to Manifold Absolute Pressure Transducer Representative Specification

One world. One standard. One Source.

Join an SAE Standards committee.

For more information or to participate on a Electrical Systems Group committee, contact:

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