FACT SHEET

SAE Ground Vehicle Technical Committees: Electrical Systems
Vehicle Electric Power Supply System Standards Committee

The Vehicle Electric Power Supply System Standards Committee reports to the Electrical Systems Group of the Motor Vehicle Council. The Committee is responsible for developing and maintaining SAE Standards, Recommended Practices, and Information Reports that achieve global harmony, allow uniform testing and/or performance standards, create common nomenclature, and permit common interfaces for the following aspects of a vehicle’s electric power supply system:

- electric power generation devices
- battery voltage regulation devices and methods,
- electric power supply commonized performance & nomenclature requirements,
- electrical system voltage and loading operating range conditions,
- electrical power system diagnostics and serviceability requirements.

The committee has agreed to limit its scope to the areas listed above on conventional light duty trucks and passenger cars only, which use internal combustion power plants for their motive drive. This committee will not work on items involved in electric vehicle or storage battery technology areas.

Participants in the Vehicle Electric Power Supply System Standards Committee include OEMs, suppliers, consulting firms, government, and other interested parties.

SAE Vehicle Electric Power Supply System Standards Committee
Standards Development & Revision Activities

J1416  Generator Terminal Labeling
J2232  Vehicle System Voltage Initial Recommendations
J2669  Voltage Regulators for Automotive-Type Generators
J56   Road Vehicles—Alternators With Regulators—Test Methods and General Requirements
J831  Electrical Definitions

To purchase
SAE Technical Standards

1-877-606-7323
(US and Canada)
or
1-724-776-4970

www.store.sae.org
customerservice@sae.org

One world.
One standard.
One Source.

Join an SAE Standards committee.

For more information
or to participate on the
Vehicle Electric Power
Supply System Standards Committee, contact:

Maryvonne L Jacquemart
1-248-273-2467
mj Jacquemart@sae.org
http://www.sae.org/servlets/works