

Global Ground Vehicle Standards sae.org/standards/development/ground-vehicle

Automotive Quality and Process Improvement Committee

J2886 DRBFM Task Force J1739 Task Force

Chassis

Foundation Brake Steering Committee

- Brake Committee
- Brake Linings Standards Committee Brake Dynamometer Standards Committee
- Road Test Procedures Standards Committee
- Brake NVH Standards Committee
- Hydraulic Brake and Actuation Steering Committee Brake Fluids Standards Committee Automotive Brake and Steering Hose Standards
- Committee
- Hydraulic Brake Components Standards Committee
- Vehicle Performance Steering Committee Highway Tire Committee
- Vehicle Dynamics Standards Committee Wheel Standards Commit

Electrical Systems

Vehicle EE System Diagnostics Steering Committee Vehicle E E System Diagnostic Standard

- Committee
- J2534 Pass-Thru Programming Task Force J1979 Review Task Force
- J1978 OBD II Scan Tool Task Force
- J3005 Guidance for Remote OBD Task Force J1930 Electrical Electronic Systems
- Diagnostics Task Force J2012 Diagnostic Trouble Code Task Force

Data Link Connector Security Committee

Electrical Distribution Steering Committee Connector Systems Standards Committee

- Harness Covering Standards Committee
- Circuit Protection and Switch Device Committee
- Functional Safety Committee
- Event Data Recorder Committee
 STPA Recommended Practices Task Force - J2980 Truck Powertrain Additions Task Force
- SAfEr Rust Task Force Electronic Design Automation Steering Committee
- Electronic Design Automation Standard Committee Vehicle Architecture For Data Communications
- Standards - SENT Task Force
- Communication Transceivers Qualification Requirements TF
- Embedded Software Standards Committee Automotive Electronic Systems Reliability
- Standards Vehicular Flat Panel Display Standards Committee

Electromagnetic Compatibility (EMC) Standards Vehicle Electrical System Security Committee Vehicle Electrical Hardware Security Task Force

Vehicle Cybersecurity Systems Engineering Committee Cybersecurity Assurance Testing Task Force

- Cybersecurity Maturity Model Task Force ISO/SAE Automotive Security Engineering
- Risk Management Task Force
- Product Development Task Force Operations, Maintenance and Other Processes
- Task Force Process Overview and Interdependencies Task
- Force

SAE IC Powertrain Steering Committee

Ignition Standards Committee Emissions Standards Committee Engine Power Test Code Committee Filter Test Methods Standards Committee Gasoline Fuel Injection Standards Committee Air Cleaner Test Code Standards Committee Piston and Ring Standards Committee Fuel Systems Standards Committee **Drivetrain Standards Committee** Belt Drive (Automotive) Systems Committee Automatic Transmission and Transaxle Committee Interior Exhaust Gas Committee **Diesel Fuel Injection Equipment Standards Committee**

Service Development Steering Committee Graphics Based Service Information Task Force

Vehicle Safety Systems

Safety and Human Factors Standards Steering

Driver Vehicle Interface (DVI) Committee

Vehicle Interface Task Force

and Automation Task Force

Driving Automation Systems Committee

Driver Metrics, Performance, Behaviors and

DVI Message Priority and Presentation Task

- Guidelines for Voice Interaction in Driver

Advanced Driver Assistance Systems (ADAS)

Naming Methodology for Driver Assistance

CMS Test Protocols & Performance Requirements

- Rear Seat Inf Restraints Interaction w Children

Impact and Rollover Test Procedures Standards

Hydrogen Fuel Call Vehicle Crash Testing

J2482 Dynamic Simulation Sled Testing TF

Human Biomechanics and Simulations Standards

- Dummy Testing and Equipment Standards

On-Road Automated Driving (ORAD) Committee

Infrastructure Needs Related to Automated

On-Road Automated Driving Simulation Task

ORAD Reference Architecture and Interfaces

Identifying ADS-DV User Issues for Persons

On-Road Automated Driving Maneuver Task

On-Road Automated Driving J3018 Task Force

AV Test Site Community of Practice Task Force

On-Road Automated Driving Simulation Task

Active Safety Bicycle Test Targets Task Force

Vehicle Lane Deviation Warning Task Force

Active Safety ADAS Sensor Calibration Task

Active Safety Roadside Object Surrogate Task

Active Safety Terms and Definitions Task Force

· Automated Vehicle Impact Testing TF

Safety Test Instrumentation Standards

Occupant Protection and Biomechanics Steering

Soat Bolt Systems Standards Committee

Children's Restraint Systems Committee

Inflatable Restraints Committee

Committee

States Committee

Force

Committee

Committee

- J3196 Task Force

J3114 Task Force

Small Adults

Safety Guidelines

· Pedestrian Dummy TF

Driving Task Force

(RAI) Task Force

with Disabilities

Correlation TF

Definitions Task Force

- Hybrid III Dummy Family TF

Crashworthiness Task Force

- Automated Driving Systems (ADS)

Driver Assistance Systems Steering Committee

On-Road Automated Driving (ORAD)

On-Road Automated Driving (ORAD)

Verification and Validation Task Force

• ORAD ADS Testing Task Force

Active Safety Systems Standards Committee

- Active Safety Test Target Validation/

Hardware-In-The-Loop Task Force

Crash Data Collection and Analysis Steering

Data Collection & Archiving Standards

Committee

Committee

Committee

Force

Force

Force

Force

Force

Committee

Green Racing Committee

Committee

Committee

Driver Vision Standards Committee

Vehicle Safety Systems

- Road Vehicle Aerodynamics Forum Committee
- Interior Climate Control Steering Committee Interior Climate Control Service Committee
 Interior Climate Control MAC Supplier Committee
- Interior Climate Control Vehicle OEM Committee
- Measurement of CO2 Build up in Passenger
- Compartment TF Interior Climate Control Fluids Committee

Motor Vehicle Council

- **Glazing Materials Standards Committee** ANS Safety Glazing Task Force
- **Cooling Systems Standards Committee**
- J1726-TF Crg Air Cooler Internal Clean, Leak, Nomenclature EGR Cooler Task Force
- Heavy Duty Vehicle Cooling Test Code Task Force Requirements for Engine Coding System Tests
- Task Force Radiator Caps and Filler Necks Task Force
- Low Temperature Coolant Circuit Nor
- Coolants for Internal Combustion Engines TF Fragmomics Steering Committee
- Human Accom and Design Devices Stds
- Committee
- GCIE J1100 Harmonization Task Force
 J826-3 CAD CRP Task Force
- · Controls and Displays Standards Committee - Keyless Ignition Subcommittee
- Adaptive Devices Standards Committee Heated Seats Standards Committee Dynamical Modeling and Simulation Committee Odometer and Speedometer Standards Light Vehicle Exterior Sound Level Standards
- Tow Vehicle Trailer Rating Committee
- Volatile Organic Compounds
- Wiper Standards Committee VIN - WMI Technical Committee
- **Driving Skills Standards Committee**
- Vehicle Sound Level Advisory Group
- V2X Communications Steering Committee DSRC Technical Committee
- J2945/1 Task Force C-V2X Technical Committee
- C-V2X Deployment Profiles Task Force
- C-V2X Antenna Task Force Advanced Applications Technical Committee - Maneuver Sharing and Coordinating Service Task Force
- Sensor Sharing Task Force
- V2X Security Technical Committee
 V2X Core Technical Committee
- Precise Positioning Task Force
- BSM Task Force J2735 Documentation Task Force
- Traffic Signal Applications Technical Committee
 Infrastructure Applications Technical Committee
- Signalized Intersection Applications Task Force
- Mapping Task Force V2X Vehicular Applications Technical Committee
- Tolling Applications Technical Committe - J3217 Document Development Task Force
- Light Duty Vehicle Performance and Econom Measure Committee
- 3066 On-Brd Fuel Cons Measurement and Report StdTask Force
- Light Duty Measure Exhaust-Fuel Economy of Hybrid Task Force Light Duty Chassis Dynamometer Road Load Task
- Force

Hybrid-EV Steering Committee

Hybrid and EV First and Second Responder Task

Hybrid Communication and Interoperability Task

Hybrid Terminology J1715 Task Force

Hybrid Connector J1772 Task Force

Hybrid Electric Motor Rating Task Force

Hybrid Safety J2344 Task Force Hybrid Power Quality J2894 Task Force

Hybrid - EV Committee Hybrid Wireless Charging J2954 Task Force

Force

- Data Analysis Standards Committee Cross-cutting Issues Standards Committee
- Surrogate Measures of Safety Committee Motor Vehicle Fire Investigation Task Force
- Sound Signaling (Horn) Standards Committee
- Motor Vehicle Fire Investigation Task Force

Sound Signaling (Horn) Standards Committee Cooperative Driving Automation (CDA) Committee

Cooperative Perception Task Force
CDA Use Case Testing Task Force

Green Technology Steering Committee

ered Micromobility Vehicles Committee

Shared and Digital Mobility Committee

Cooperative Infrastructure Task Force

- Hybrid Power Transfer J3105 Medium and Heavy Duty Vehicle Conductive
 - Charging Task Force
 - J3271 Megawatt Charging System for Electric Vehicles Task Force

Hybrid-EV Steering Committee

Lighting Systems

Heavy Duty Lighting Standards Committee

Replaceable LED Sources Task Force

Lighting Materials Standards Committee

J3069 Adaptive Driving Beam Task Force

J2938 LED Light Source Tests and Requirements

J578 Color Requirements for Optically Combined

Improved Headlamp Lens Durability Task Force

J1383 Performance Requirements for Headlamps

Road Illumination Devices Standards Committee

Headlamp Performance Rating Task Force

J3098 Signature_Accent Lighting Task Force

J575 Test Methods and Equipment for Lighting

EMC Guidelines for Emergency Warning Devices

Emergency Warning Lights and Devices Standards

International Lighting Standards Advisory Group

J1306 Motorcycle Auxiliary Front Lamps Task

• J131 Motorcycle Turn Signal Lamps Task Force

Hybrid-EV Steering Committee

Vehicle Battery Standards

Steering Committee

Battery Field Discharge and Disconnect Committee

Battery Standards Truck and Bus Battery Committee

Battery Standards Electronic Fuel Gauge Committee

Historic Vehicle Technical

Standards Committee

Driver Alcohol Detection System

for Safety Committee

Cabin Disinfection Practices Committee

J584 Motorcycle Headlamps Task Force

Signaling and Marking Devices Stds Committee

J3134 Autonomous Vehicle Lighting

J2087 Daytime Running Light

International Cooperation Committee

Motorcycle Lighting Committee

Fuel Cell Standards Committee

Fuel Cell Interface Task Force

Fuel Cell Safety Task Force

Fuel Cell Emissions Task Force

Battery Safety Standards Committee

Battery Test Equipment Committee

Battery Materials Testing Committee

Secondary Battery Use Committee

Capacitive Energy Storage Committee

Battery Systems Connectors Committee

Battery Standards Testing Committee

Battery Standards Labeling Committee

Battery Transportation Committee

Battery Systems Sensors Committee

Bus Battery Committee

Transfer Matl's

Battery Thermal Management Committee

Battery Size Standardization Committee

Battery Standards Starter Battery Committee

Battery Standards Advanced Battery Concepts

Battery Systems Adhesives, Sealants and Heat

Battery Terminology Committee

Start-Stop Battery Committee

Battery Standards Recycling Committee

Small Task Oriented Vehicle Battery Committee

Fuel Cell Performance Task Force

Devices Task Force

Committee

Force

Task Force

J588 Sequential Turn Signal Task Force

Test Methods and Equipment Stds Committee

Lighting Systems Steering Committee

Lighting Standard Practices Committee

Replaceable Bulb Task Force

Lighting Discussion Forum

Lamps

Task Force

Construction Agricultural and Off Road Machinery Council

Construction Agricultural and Off Road Machinery Council

Agricultural Tractor Standards Committee (ATSC) Con-Ag Council Chairs Vice Chairs Subcommittee Common Tests Technical Steering Committee CTTC C1, Hydraulic Systems

- CTTC C2. Electrical Components and Systems Human Factors Technical Advisory Group HFTC1, Controls, Visibility, Anthropometrics,
- Accessibility HFTC2, Machine Displays and Symbols HFTC4, Operator Seating and Ride
- HETC6 Operator Accommodation
- Machine Technical Steering Committee
- MTC1, Earthmoving Machinery
 MTC2, Sweeper, Cleaner, and Machinery
- MTC4, Forestry and Logging Equipmen
- MTC7 Roadbuilding Machinery Technical
- Subcommittee

Truck and Bus Council

Assistance Systems Steering Committee • Truck and Bus Automation Safety Committee

Truck and Bus Foundation Brake Committee

Truck and Bus Brake Actuator Committee

Truck and Bus Brake Systems Committee

Truck and Bus Brake Supply and Control

Truck and Bus Hydraulic Brake Committee

Air Brake Tubing and Tube Etg Committee

Ready-Mix Concrete Truck Safety Committee

Truck and Bus Windshield Wipers and Climate

Truck and Bus Event Data Recorder Committee

Truck and Bus Electrical Systems Committee

Truck and Bus Low Speed Communication

Fuels and Lubricants Council

Truck Bus Control and Communications

Fuels and Lubricants TC 1 Engine Lubrication

Fuels and Lubricants EOVC Task Force

Military Industry Engine Oil Task Force

Fuels and Lubricants EOVC Sub-Group

Fuel and Lubricants TC2 Industrial Lubricants

Military Industry Gear Lube Task Force

Eucland Lubricants Tech Task Force

Fuels and Lubricants TC 7 Fuels Committee

Fuels and Lubricants TC 3 Driveline and Chassis

Fuel and Lubricants TC3 Task Force for J306

Performance Standard for Service Fill ATF TF

Fuels and Lubricants TC 3 Electric Drive Fluids

TC7 Renewable Diesel in Railroad Applications

MATERIALS, PROCESSES

AND PARTS COUNCIL

Automotive Corrosion and Prevention Committee

Fatique Design and Eval Executive Advisory Group

Automotive Adhesives and Sealants Committee

Fluid Conductors and Connectors Tech Steering

Hydraulic Hose and Hose Fittings Committee

Truck and Bus Total Vehicle Steering Committee

Truck and Bus Tire Committee
Truck and Bus Aerodynamics and Fuel

Truck and Bus Powertrain Committee

Truck and Bus Electrical * Electronic Steering

Truck and Bus Human Factors Committee

Truck Crashworthiness Committee

Truck and Bus Body and Occupant Environm

Truck and Bus Wheel Committee

Components Committee

Steering Committee

Control Committee

Economy Committee

Network Committee

Network Committee (J1939)

Cable Standards Committee

Axle Efficiency Task Force

Acoustical Materials Committee

Surface Enhancement Committee

Metals Technical Committee

Fasteners Committee

Plastics Committee

Committee

Committee on Automotive Rubber Specs

Textile and Flexible Plastics Committee

Hydraulic Tube Fittings Committee

Metallic Tubing Committee

Spline Committee -B92

Non-Hydraulic Hose Committee

Committee

Lubrication

Task Force

Task Force

Truck and Bus Brake and Advanced Driver

- MTC8, Tire and Rim
- MTC9, Trenching and Horizontal Earthboring Machines Operator Protection Technical Advisory Group **OPTC1**, Personnel Protection (General
- OPTC2, Braking OPTC3, Lighting and Sound Committee
 OPTC4, Protective Structures
- Cranes and Lifting Devices Committee

SPECIALIZED VEHICLE AND EQUIPMENT COUNCIL

Motorcycle Technical Steering Committee Motorcycle Sound Level Committee
 J1241 Task Force

- Marine Technical Steering Committee Marine Engine Fuel Systems Committee Personal Watercraft Committee
- Snowmobile Technical Committee
- Small Engine and Powered Equipment Committee Special Purpose Vehicle Committe
- Light Utility Vehicle Task Force (J2258) Low Speed Vehicle Task Force (J2358)
- I1623 Task Force
- Ship Fluid Systems Committee Ship Systems - Fasteners Committee
- Trailer Committee
- Trailer Gooseneck and 5th Wheel Task Force Trailer Dynamics Task Force
 Conventional Towing System up to 20,000 lbs
- Task Force Trailer Terminology Task Force
- Trailer Braking Standard Task Force
- Trailer Safety Chains and Swing Tongues Task Force

Cooperative Research Projects Alternative Refrigerants CRP1234vf Alt Refrigerant Assessment CRP150 Low GWP Alt Refrigerants Assessment High Temperature Battery Study Gage R&R of HPM H2 Fuel Cell Station Breakaways, Hoses, Fittings and Nozzles **High Strain Rate Plastics** IMAC **ITS Projects** CAESAR Ergonomics Federal Highway (FHWY) Dedicated Short Range Communications (DSRC) Otologic Trauma Rechargeable Energy Storage Systems (RESS) Safety EVSE/EV Interoperability Truck Cab Anthropometric Study Emergency Vehicle Lighting EMVSS-141 Measurement Uncertainty Plastics Suitable for use with H2 LCCP Model Enhancements J1939-91C Network Security Thermal Management Refrigerant

Vehicle Battery Standards **Steering Committee**

Standards Derivative Programs

E J1939 & J1995 Certified Power (HP and Torque Certification) MAC Manufacturer Database (Equipment Conformance) H-Point Machines (Engineering Aids) WMI/VIN WMC/PIN

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