

CHINA AUTOMOTIVE STANDARDIZATION INTERNATIONAL BRIEF

#04-05, 2026 · Combined Issue

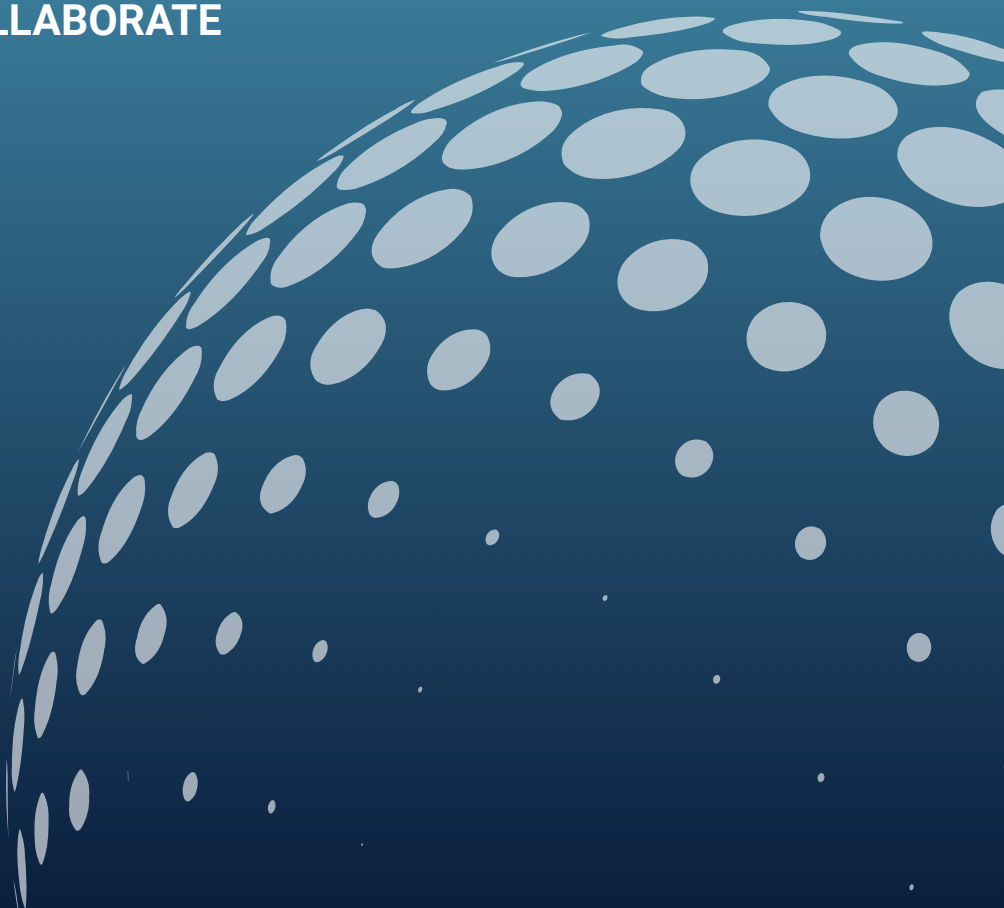
POLICY OUTLOOK

STANDARDIZATION UPDATES

WASIC 2026

GB AT A GLANCE: GB 36980.1—2025

CONTRIBUTE & COLLABORATE



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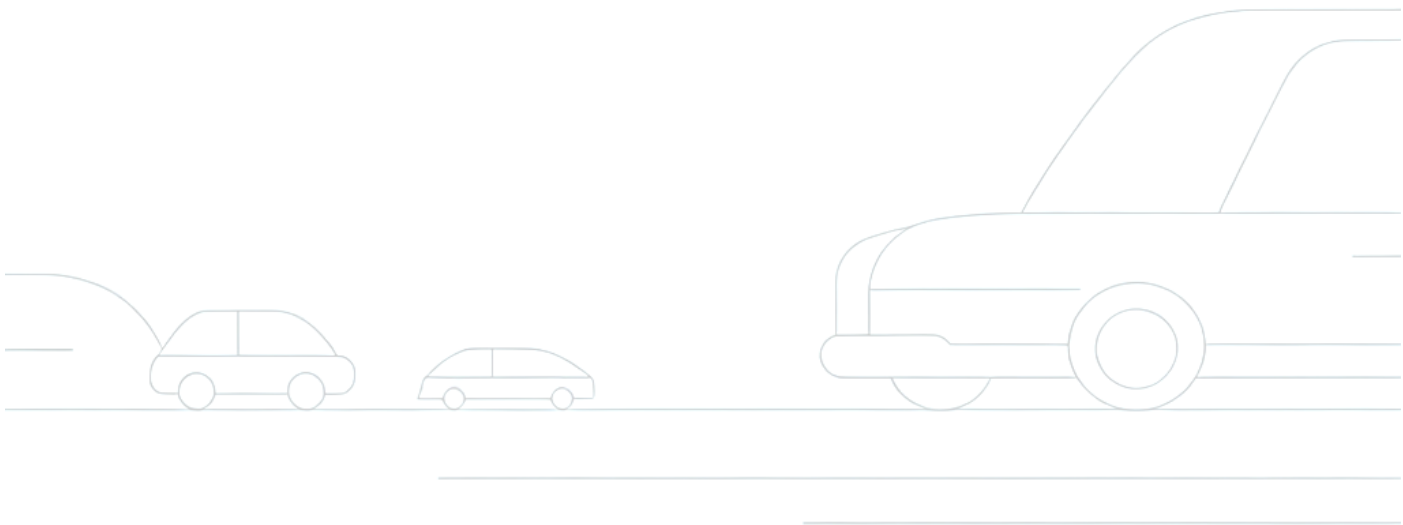
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I Policy Outlook

01 China Releases Outline of the 15th Five-Year Plan

On March 5, 2026, the Fourth Session of the 14th National People's Congress reviewed and approved the Outline of the 15th Five-Year Plan for National Economic and Social Development (the "15th Five-Year Plan Outline"). As a key national planning document for the 2026–2030 period, the Outline sets out China's strategic priorities for economic and social development and provides guidance for government work, industrial development and market activities.

The Outline makes 72 references to "STANDARDS", underlining their role in supporting industrial upgrading, technological innovation, green transition and international cooperation. It calls for strengthening the guiding role of national standards, accelerating the updating and upgrading of standards, and improving regulatory requirements in areas such as safety, environmental protection, energy efficiency and product quality. It also proposes the implementation of a standardization initiative for emerging industries, with closer integration of technology research and development, commercialization, standards development and industrial application.

From an international perspective, the Outline emphasizes alignment with high-standard international economic and trade rules, and promotes greater compatibility between domestic and international rules, regulations, management systems and standards. It also calls for international mutual recognition of rules and standards related to energy efficiency, water efficiency and carbon footprint for key products, as well as enhanced cooperation in standards, conformity assessment, inspection and quarantine for foreign trade products. The document further highlights the role of standards connectivity under the Belt and Road Initiative and encourages the overseas application of Chinese standards.

For the automotive sector, the Outline is particularly relevant to future regulatory and standardization priorities. It calls for the development of product carbon footprint accounting rules and standards, the release of carbon emission limit standards for key products, and the establishment of a product carbon labelling and certification system. It also proposes the formulation of next-stage motor vehicle emission standards and fuel quality standards. In addition, the Outline stresses the need to improve the green and low-carbon standards system and to promote the alignment and mutual recognition of international rules and standards.

Source: The State Council (<https://english.www.gov.cn/>)

02 China Launches Pilot Program for Integrated Hydrogen Energy Applications

On March 16, 2026, China's Ministry of Industry and Information Technology, Ministry of Finance, and National Development and Reform Commission jointly issued the Notice on Launching Pilot Work for Integrated Hydrogen Energy Applications. The pilot program aims to promote the large-scale application of hydrogen energy across multiple scenarios, support cost reduction, accelerate innovation in hydrogen-related technologies and equipment, and advance the high-quality development of China's hydrogen energy industry.

According to the Notice, participating city clusters are encouraged to prioritize application scenarios with sound implementation conditions, including fuel cell vehicles, green ammonia and methanol, substitution of hydrogen-based chemical feedstocks, hydrogen metallurgy, and hydrogen-blended combustion. The program seeks to build an integrated hydrogen application ecosystem consisting of *"ONE general fuel cell vehicle scenario + N industrial application scenarios + X innovative application scenarios."*

For the automotive sector, the Notice highlights fuel cell vehicles as a key application area. It calls for the development of hydrogen highways and hydrogen corridors¹, with a focus on scaling up the use of fuel cell commercial vehicles in medium- and heavy-duty transport, medium- and long-distance logistics, and cold-chain logistics. It also encourages wider deployment in public buses, urban logistics, sanitation vehicles, and construction waste transport, while exploring potential applications in government vehicles, ride-hailing vehicles and other passenger vehicle segments.

Source: Ministry of Industry and Information Technology of China (<https://www.miit.gov.cn/>)



¹ Hydrogen highways refer to hydrogen refueling, supply, operation and maintenance systems arranged along specific highways to support the regular operation of fuel cell vehicles, especially in medium- and heavy-duty transport, trunk-line logistics and cold-chain transport. Hydrogen corridors usually have a broader scope, referring to regional hydrogen application networks that connect cities, industrial parks, ports, logistics hubs and transport nodes to provide continuous refueling and operation conditions across different scenarios.

03 China Issues Policy Guidance on Energy Conservation and Carbon Reduction

In April 22, 2026, China's central authorities issued the *Opinions on Advancing Energy Conservation and Carbon Reduction at a Higher Level and with Higher Quality*. The document sets out policy priorities for improving China's energy conservation and carbon reduction framework, with standards, certification, labelling and international cooperation identified as key areas of work.

The Opinions call for the improvement of standards and labelling systems in line with China's carbon peaking and carbon neutrality goals, industrial development needs and technological progress. They emphasize the need to accelerate the development and revision of standards on energy consumption and carbon emission limits for key industries, as well as energy efficiency standards for major energy-consuming products and equipment. The document also calls for national standards on energy conservation and carbon reduction in emerging sectors and business models, together with supporting standards for energy and carbon emission measurement, monitoring and certification. In addition, it proposes improving green product certification and labelling systems, strengthening the management and application of energy efficiency labels, and establishing a product carbon labelling and certification system.

The document also highlights the importance of international cooperation. It encourages deeper international dialogue and practical cooperation on energy conservation and carbon reduction, participation in the relevant international standardization activities and efforts to promote international mutual recognition of energy conservation and carbon reduction standards and labels.

For the transport sector, the Opinions call for further efforts to improve energy conservation and carbon reduction. They encourage the wider use of energy-efficient and low-carbon transport equipment, the reasonable optimization of vehicle energy consumption limit requirements, the development of electric and hydrogen-powered heavy-duty trucks, and the use of clean and low-carbon fuels as blending or substitute fuels.

Source: The State Council (<https://english.www.gov.cn/>)

II Major Events **WASIC 2026**

WASIC 2026 Highlights Standards as a Key Driver for Sustainable Automotive Development

The World Automotive Standards and Innovation Conference 2026 (WASIC 2026) was held in Shenzhen, China, from May 27 to 29, 2026, under the theme of “Fostering New Partnerships for Sustainable Development”. As an international platform focusing on automotive standardization, technological innovation and regulatory cooperation, the conference brought together representatives from governments, international organizations, standards bodies, research institutions, industry associations and enterprises to exchange views on the future development of the global automotive industry.



Photo 1 Opening Ceremony of WASIC 2026

Against the backdrop of accelerated electrification, intelligent mobility, green transition and increasingly complex international regulatory environments, WASIC 2026 provided an important opportunity for stakeholders to discuss how standards can support innovation, facilitate market access, improve safety and promote sustainable development. The conference highlighted that automotive standards are no longer limited to technical specifications for products and testing. They are increasingly serving as a bridge between technology development, regulatory governance, industrial cooperation and international trade.

The conference featured a series of high-level sessions and thematic events. Topics covered a wide range of areas such as vehicle safety, new energy vehicles, intelligent and connected vehicles, road safety, international regulatory coordination, overseas market access, and standards cooperation with developing economies. These discussions reflected the shared need for more open, inclusive and coordinated approaches to automotive standardization.



Photo 2 Keynote and Guest Speeches

A key takeaway from WASIC 2026 was that **STANDARDS PLAY AN ESSENTIAL ROLE IN ENABLING SUSTAINABLE INDUSTRIAL TRANSFORMATION**. As the automotive sector moves toward low-carbon and intelligent development, standards provide a common technical language for governments, industries and international organizations. They help define safety and performance requirements, guide the deployment of emerging technologies, support regulatory compliance and reduce uncertainty in cross-border cooperation. Participants also noted that standards development should keep pace with technological progress while taking into account the practical needs of different markets and regions.

INTERNATIONAL COOPERATION was another major focus of the conference. WASIC 2026 provided a platform for strengthening dialogue among standards organizations, regulatory authorities and industry stakeholders, with particular attention to cooperation with ASEAN, Africa and international organizations. Through dedicated dialogues, participants explored ways to enhance mutual understanding of regulatory systems, promote standards connectivity and advance practical cooperation in areas such as electric vehicles, road safety, capacity building and market access.

Several concrete outcomes were achieved during the conference.

- ✧ Foreign-language versions of 27 national standards for new energy vehicles were released, helping international stakeholders better understand and apply China's automotive standards.
- ✧ Cooperation documents were signed with the Ghana Standards Authority (GSA), providing a basis for further collaboration in standards research, technical exchange and automotive standardization.
- ✧ A United Nations Sustainable Development Goals-related cooperation project was advanced with the Institute of Standards of Cambodia (ISC), linking automotive standardization with sustainable development priorities and supporting future work on electric vehicle safety and regulatory frameworks.
- ✧ Following the workshop on "Improving Road Safety Through Evolving Technology and Vehicle Regulations," convened by the World Health Organization (WHO) and the China Automotive Technology

and Research Center (CATARC), CATARC, as a WHO partner, joined other partners in launching a new global initiative to protect motorcyclists, pedestrians, cyclists and other vulnerable road users.



Photo 3 Key Outcomes of WASIC 2026

Overall, WASIC 2026 demonstrated that standardization is becoming an increasingly strategic element in the global automotive sector. By connecting innovation with regulation and cooperation with practical implementation, the conference generated not only dialogue but also tangible outcomes. Looking ahead, continued engagement among governments, standards bodies, international organizations and industry stakeholders will be important for advancing standards harmonization, improving regulatory understanding and supporting the sustainable development of the global automotive industry.

III GB at a glance: Energy Consumption Limits for Electric Vehicles – Part 1: Passenger Cars (GB 36980.1—2025)

A Visual Guide to
Energy Consumption Limits for Electric Vehicles –
Part 1: Passenger Cars (GB 36980.1—2025)

Standard Introduction

On May 30, 2025, the State Administration for Market Regulation (Standardization Administration of China) approved and issued Energy Consumption Limits for Electric Vehicles – Part 1: Passenger Cars (GB 36980.1—2025). Proposed and administered by the Ministry of Industry and Information Technology, this standard is organized for revision by the National Technical Committee of Auto Standardization (NTCAS).

Main content

Scope: This standard applies to Category M1 battery electric vehicles with a maximum design total mass not exceeding 3,500 kg.

Main content overview

1. Test methods

Determine the type approval value of vehicle energy consumption in accordance with GB/T 18386.1—2021.

3. Production Consistency

Comply with Chapter 9 of GB/T 18386.1—2021.

2. Limit requirements

Specify energy consumption limits for three vehicle categories:

- Vehicles with fewer than three rows of seats & non-all-wheel drive
- Vehicles with three or more rows of seats and/or all-wheel drive
- Other special vehicles

Vehicle energy consumption shall not exceed the specified limit.

4. Same type determination

Define criteria for identical vehicle types based on previous implementation rules and industry opinions.

Main content



Considerations for Limit Adjustment

1

Current state of the industry

Analyze current industry energy consumption levels and compare with relevant standards/policies.

2

Technical potential analysis

Evaluate energy-saving technologies, technical feasibility, and cost increments.

3

Other considerations

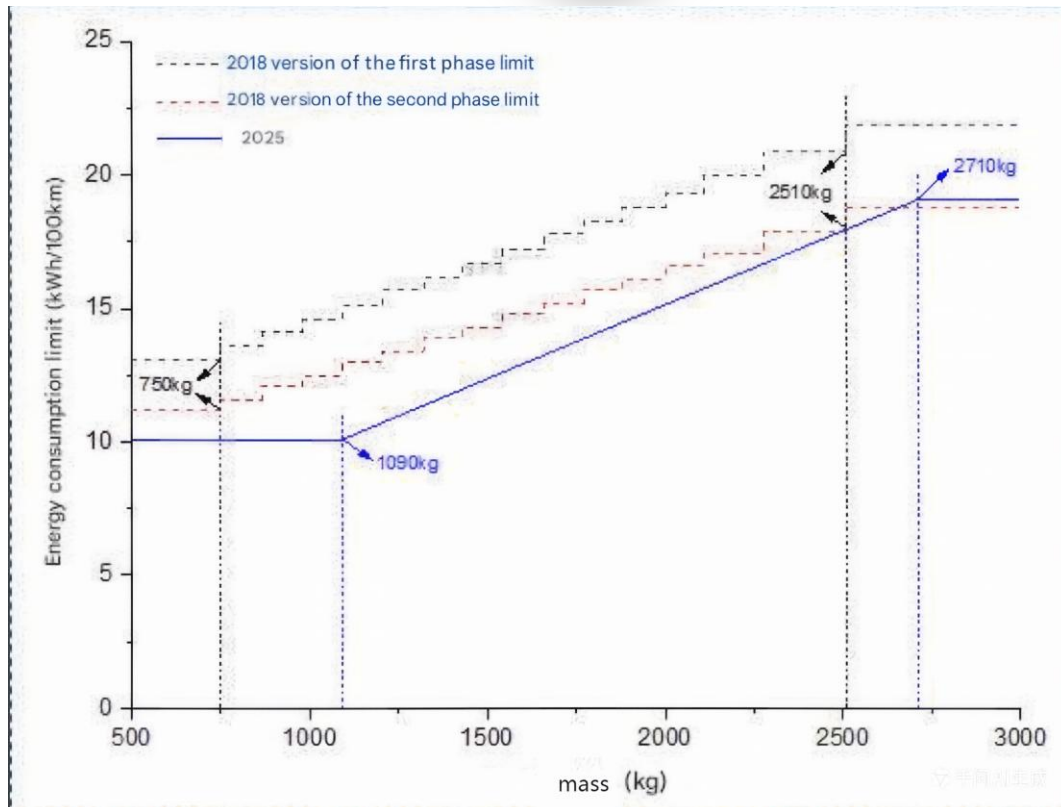
Conduct assessments of limit forms and mass inflection points, and improve energy consumption management plans .

Taking into account the current status of industry electricity consumption, energy-saving potential, limit methods, vehicle weight distribution, and vehicle model compliance rate, the limit requirements have been updated and proposed.

Main content



Energy consumption limits - conventional vehicle



01

Limit form: Changed from stepped to linear; only one limit stage (previously two stages).

02

Mass inflection points: Adjusted from 750 kg / 2,510 kg to 1,090 kg / 2,710 kg.

03

Limit stringency: Tightened by ~11% at a reference kerb mass of 1,780 kg compared with the original second stage.

Main content



Energy consumption limits - special vehicle

1

Vehicles with three or more rows of seats and / or all-wheel drive vehicles

Taking into account factors such as the transportation efficiency of three-row seat vehicles and the technical characteristics of all-wheel drive vehicles , and combining the characteristics of such vehicles with industry needs, the limit is relaxed by 3% .

2

Other special vehicles

Some vehicle models have higher energy consumption due to their performance characteristics (up to 30% higher than the limit). Based on the core power performance indicators, the limit is relaxed by 20% for vehicles that meet the requirements .

Main content

**Vehicles are
deemed the same
type if meeting all
criteria below:**

1

Battery cell/supercapacitor: Same model & manufacturer

2

Battery pack/supercapacitor assembly: Same nominal voltage & nominal capacity.

3

Battery pack/supercapacitor module: Same model & manufacturer.

4

Drive motor: Same model, manufacturer, position & quantity.

5

Control system (VCU, on-board energy management system, motor controller): Same hardware model, software version & manufacturer (software version change allowed if no energy consumption increase).

6

Drive type: Identical.

7

Cooling system (motor/energy storage): Same type (water/oil/air cooling).

8

Complete electric vehicle kerb mass: Same or reduced; basic model energy consumption meets the limit.

9

Transmission: Same type & gear count; gear ratio change $\leq 8\%$.

10

Tire static loaded radius: Change $\leq 5\%$.

11

Front body shape: Identical; frontal area same or reduced.

Standard
Implementation



01

New models applying for type approval

Implemented on January 1, 2026.

02

Models with existing type approval

Implemented on January 1, 2028.

Standard Significance



The standard sets out threshold requirements for the energy consumption of battery electric passenger vehicles, and works in conjunction with standards such as "Evaluation Methods and Indicators for Fuel Consumption of Passenger Vehicles" (GB 27999) and " Limits for Fuel Consumption of Passenger Vehicles " (GB 19578) to jointly support energy conservation management of passenger vehicles towards 2030 .

The implementation of the standard will help promote the advancement of energy-saving technologies in automobiles, improve vehicle energy efficiency, and phase out high-energy-consuming models. It will also play an important role in supporting the automotive industry to achieve carbon peaking, facilitating the replacement of old vehicles with new ones, and promoting the high-quality development of the new energy vehicle industry.

IVStandardization Updates in March &April 2026

01 Standard Projects Initiated

Serial No.	Name of the standard	Type
1	Simulation and validation methods for steady-state circular driving behavior of heavy commercial vehicles	National standard
2	Road vehicles-Spark-plugs-Test methods and requirements	National standard
3	Passenger cars — Power-off reaction in a turn — Stability test method	National standard
4	Validation methods for closing-curve simulation of heavy commercial vehicles	National standard
5	Heavy commercial vehicles — Sine with dwell — Test method for yaw stability	National standard
6	Road vehicles — Ball-bearing turntable — Interchangeability	National standard
7	Road vehicles—Liquefied natural gas (LNG) fuel system components—Part 20: Flexible fuel or vent lines	National standard
8	Road vehicles—Blended fuels refuelling connector	National standard
9	Road vehicles — Test of braking systems on vehicles with a maximum authorized total mass of over 3,5 t using a roller brake tester Part 1:Pneumatic braking systems	National standard
10	Technical specifications of road-rail intermodal dedicated container transport semi-trailer	National standard
11	Requirements for vehicle data security	National standard
12	Intelligent and connected vehicle — Safety requirements for parking combined driving assistance system	National standard
13	Post crash safety requirement for electric vehicle	National standard
14	Motor vehicles slope climbing test method	National standard
15	Coastdown test method of motor vehicles	National standard
16	Minimum stable speed test method for motor vehicles	National standard
17	Automotive suspension vocabulary	National standard
18	The test method for structural strength of motor vehicles against road impact (Misuse)	National standard
19	Motor vehicles off-road capability test method	National standard
20	Road vehicles- Reduction of misuse risk of child restraint systems- Part 2: Requirements and test procedures for correct installation (panel method)	National standard
21	Vehicle big reclined seat — Part 1: General requirements	National standard
22	Automotive intelligent manufacturing——Function requirements for intelligent process management Platform	National standard
23	Road vehicles—Product data exchange between chassis and body work manufacturers(BEP)— Part 7:Coding of skip loader bodywork	National standard
24	Vehicle big reclined seat — Part 2: Reliability requirements	National standard
25	Road vehicles—Product data exchange between chassis and bodywork manufacturers (BEP)— Part 4: Mapping to STEP application protocol 239	National standard
26	Technical specification for frontal airbag calibration of commercial vehicles	National standard

27	Road vehicles — Reduction of misuse risk of child restraint systems — Part 1: Forms for field studies	National standard
28	Road vehicles—Product data exchange between chassis and body work manufacturers(BEP)—Part 6:Coding of hook loader bodywork	National standard
29	Road vehicles—Product data exchange between chassis and bodywork manufacturers (BEP)—Part 1: General principles	National standard
30	Road vehicles — Reduction of misuse risk of child restraint systems — Part 3: Prediction and assessment of misuse by Misuse Mode and Effect Analysis (MMEA)	National standard
31	Road vehicles—Product data exchange between chassis and body work manufacturers(BEP)—Part 5:Coding of loader crane bodywork	National standard
32	Road vehicle—Part1: General principles for traceability of recycled materials	National standard
33	Post crash safety requirement for electric vehicle	National standard foreign version
34	The test method for structural strength of motor vehicles against road impact (Misuse)	National standard foreign version
35	Coastdown test method of motor vehicles	National standard foreign version
36	Motor vehicles slope climbing test method	National standard foreign version
37	Motor vehicles off-road capability test method	National standard foreign version
38	Minimum stable speed test method for motor vehicles	National standard foreign version
39	Test method for fuel cell system under operation and vibration conditions	Industry standard
40	Technical requirements and test methods for Automotive audio bus chips	Industry standard
41	Technical requirements and test methods for automotive Ethernet switch chips	Industry standard
42	Automotive Ethernet 1Gbps physical layer interface (PHY) chips technical requirements and test methods	Industry standard
43	Traction battery enclosure for electric vehicles	Industry standard
44	Guide for simulation-based testing of thermal management in traction battery system for electric vehicles	Industry standard
45	Automotive wired high-speed media transmission—100Mbps time division duplex system—Technical requirements and test methods	Industry standard
46	Truck with loading crane	Industry standard
47	combined jetting and suction vehicle	Industry standard
48	Technical specifications for parking air conditioning of commercial vehicle	Industry standard
49	Bulk material vehicle	Industry standard
50	Basin-shaped cone washers for Automobile	Industry standard
51	Knurled pin for Automobile	Industry standard
52	Spring band hose clamps for Automobile, Part 1: Technical conditions	Industry standard
53	Spring band hose clamps for Automobile, Part 1: Types, dimensions, materials	Industry standard
54	Vehicle air conditioner expansion valve	Industry standard
55	Automobile through axle	Industry standard
56	Automobile clutch Part 2: Bench test method	Industry standard

57	Automobile clutch— Part 1: Technical requirement	Industry standard
58	Accelerated corrosion test methods of composite coating for aluminum alloy sheets of automotive body	Industry standard
59	Technical specifications for roll forming profiles and coated roll forming profiles for automobile body	Industry standard
60	Direct current flasher unit of motorcycles and mopeds	Industry standard
61	Electronic-control Fuel-injection System for Motorcycles and Mopeds	Industry standard
62	Testing vehicle	Industry standard
63	Powder goods tanker	Industry standard
64	Torsional vibration damper assembly for the drivetrain	Industry standard
65	Slide for Seat of Passenger Car	Industry standard
66	Accelerated corrosion test method for body-in-white (BIW) in test chamber	Industry standard
67	Intelligent manufacturing for vehicle—Mass customization—Part 5: Customer operation service requirements	Industry standard
68	Intelligent manufacturing for vehicle—Mass customization—Part 4: Production management and supply chain collaboration requirements	Industry standard
69	Terms and definitions for cooperative system of intelligent connected vehicles (ICVs) and unmanned aerial vehicles (UAVs)	National standard
70	Intelligent and connected vehicle — Simulation engineering for driving automation system — Part 3: Credibility assessment method for simulation testing	National standard
71	Automotive artificial intelligence—Technical requirements and test methods for driving automation systems	National standard
72	Automotive artificial intelligence—Data security technical requirements and test methods	National standard
73	Automotive artificial intelligence—General requirements for risk assessment and governance	National standard
74	Automotive artificial intelligence—Cybersecurity technology requirements and test methods	National standard
75	Automotive artificial intelligence—Test guidelines for driving automation systems based on end-to-end architecture	National standard
76	Automotive artificial intelligence—Guidelines for general development of end-to-end models	National standard
77	Guide for Establishment of Security Assurance Capacity in Electric Vehicle Enterprises	National standard
78	Technical specification for motor vehicles' door locks and retention components	National standard
79	Requirements for installation of the external lighting and light-signalling devices for motor vehicles and their trailers	National standard
80	Safety signs and information symbols for the use of bus	National standard
81	Technical specification for motor vehicles-windscreen wiper and washer systems	National standard
82	Tank vehicles of categories N and O with regard to rollover stability	National standard
83	Solid-state battery for electric vehicle—Part 2: Performance specification	National standard
84	Solid-state battery for electric vehicle—Part 3: Safety specification	National standard
85	Solid-state battery for electric vehicle—Part 4: life specification	National standard
86	Compatibility test specifications of battery swap for electric vehicle and swappable battery system	National standard
87	Validation method for sine with dwell stability control simulation of Passenger vehicles	National standard
88	Road vehicles—Requirements for restricted use of hazardous substances	National standard
89	Classifications and technical requirements of interior alert sound	National standard
90	Electric Seatbelt for Motor Vehic	National standard
91	Compatibility test specifications of battery swap for electric vehicle and swappable battery system	National standard

		foreign version
92	Solid-state battery for electric vehicle—Part 2: Performance specification	National standard foreign version
93	Solid-state battery for electric vehicle—Part 3: Safety specification	National standard foreign version
94	Solid-state battery for electric vehicle—Part 4: life specification	National standard foreign version
95	Technical specification for motor vehicles' door locks and retention components	National standard foreign version
96	Safety signs and information symbols for the use of bus	National standard foreign version
97	Technical specification for motor vehicles-windscreen wiper and washer systems	National standard foreign version
98	Guide for Establishment of Security Assurance Capacity in Electric Vehicle Enterprises	National standard foreign version
99	Gas-Water Separator for fuel cell system	Industry standard
100	Test methods of heat balance capability for fuel cell electric vehicles	Industry standard
101	Measurement and evaluation method of noise of hybrid powertrain	Industry standard
102	Technical specifications for couplers in hybrid powertrain transmissions	Industry standard
103	Technical specification for thermal conductive adhesive for power batteries of electric vehicles	Industry standard
104	General platform for battery swapping of pure electric commercial vehicles- Part 1 Vehicles	Industry standard
105	The test specification of protection for pedestrians in the events of collisions	Industry standard
106	Flexible Shaft Assembly for shift gear selection in commercial vehicles	Industry standard
107	trailing arm air suspension for commercial vehicles	Industry standard
108	Integrated Pneumatic Shift Actuator Assembly for Commercial Vehicle AMT	Industry standard
109	Durability test method for dimming device of automotive adaptive front lighting system	Industry standard
110	Step plate for automotive	Industry standard
111	Plant fiber board for automobile interior trim	Industry standard
112	Vehicle tire inflator	Industry standard
113	Requirement and test method of refrigeration performance for vehicle air conditioner	Industry standard
114	Performance requirements and bench test methods of brake chamber for automotive vehicle and trailer	Industry standard
115	Metallographic examination of piston with ringcarrier for automotive engines	Industry standard
116	Performance requirements and bench test methods for automobile lever shifting control device	Industry standard
117	The specification of laser and electron beam welding for automobile transmission gear	Industry standard
118	Metallographic examination of piston for engines of automobile and motorcycle	Industry standard
119	Test method for calibrated diameter of motorcycles and mopeds rims using sphere-string ruler	Industry standard
120	Test method for calibrated diameter of motorcycles and mopeds rim using even strap ruler	Industry standard
121	Rims of motorcycles and mopeds	Industry standard
122	Structural requirements of integral body for buses	Industry standard
123	Technical specification for air spring used for air suspension system of passenger vehicle	Industry standard
124	Performance requirements and test methods for passenger car service brake	Industry standard
125	Solenoid Valve Block Assy of Air Suspension System for Passenger Vehicle	Industry standard
126	Technical specifications and testing methods of transmission mounting for passenger vehicles	Industry standard

02 Standards Soliciting Public Opinions

Serial No.	Name of the standard	Type
1	Requirements and test methods for glare of interior decoration of passenger cars	National standard
2	Test methods of charging performance for electric vehicles	National standard
3	Filling receptacle of CNG vehicle	National standard
4	Certificate of vehicle	National standard
5	Limits of dimensions, axle load and masses for motor vehicles, trailers and combination vehicles	National standard
6	Cylinder liner of automobile engine	Industry standard
7	Intelligent manufacturing of motor vehicle—Mass customization—Part 3: Modular design and development technical requirements	Industry standard
8	Electrical transmission winch for vehicle	Industry standard
9	Sunroof assembly of motor vehicle	National standard
10	Architecture guide for automotive artificial intelligence platform	National standard
11	Capability Assessment Guidelines for Automotive Large Language Models	National standard
12	Application guide for automotive artificial intelligence technology	National standard
13	Road vehicles—In-vehicle Ethernet—Part 11: Application layer to session layer conformance test plans	National standard
14	Road vehicles—In-vehicle Ethernet—Part 10: Transport layer and network layer conformance test plans	National standard
15	Technical requirements and test methods for on-board positioning system-Part 3: Fusion system	National standard
16	Technical requirements and test methods for on-board positioning system—Part 2: Inertial navigation	National standard
17	Technical requirements and testing methods for advanced emergency braking system of heavy-duty vehicles	National standard
18	Cells contact system for electric vehicle traction battery	Industry standard

03 Standards Reviewed

Serial No.	Name of the standard	Type
1	Test methods for fuel consumption of natural gas vehicles	National standard
2	Road vehicles — In-vehicle Ethernet — Part 4: General requirements and test methods of optical gigabit Ethernet components	National standard
3	Road vehicles—In-vehicle Ethernet—Part 8: Electrical 100-Mbit/s Ethernet transmission media, components and tests	National standard
4	Road vehicles—General requirements and test methods of in-vehicle optical harnesses for up to 100 Gbit/s communication	National standard
5	Automobiles electric fuel pump —Part 1: Brush’ s Electric fuel pump	National standard
6	Road vehicles—Ignition systems—Part 2: Electrical performance and function test methods	National standard
7	Road vehicle—Alternators with regulators—Test methods and general requirements	National standard
8	Road vehicles—Electrical performance of starter motors— est methods and general requirements	National standard
9	Road vehicles—Fuse-links—Part 1: Definitions and general test requirements	National standard
10	Road vehicles—Fuse-links—Part 2:User’ s guidelines	National standard
11	Road vehicles—Fuse-links—Part 3:Fuse-links with blade type	National standard
12	Road vehicles—Fuse-links—Part 4: Fuse-links with female contacts and bolt-in contacts	National standard
13	Road vehicles—Fuse-link—Part 5: Fuse-links with axial terminals(strip fuse-links)	National standard
14	Test methods for high and low temperature energy consumption of heavy-duty commercial vehicles	Industry standard
15	Cooling fan module for automobile	Industry standard

04 Standards Submitted for Approval

Serial No.	Name of the standard	Type
1	Road vehicles — Degrees of electrical equipment protection (IP-Code)	National standard
2	Road vehicles — In-vehicle Ethernet — Part 1: General information and definitions	National standard
3	Road vehicles—In-vehicle Ethernet—Part 2: Common physical entity requirements	National standard

4	Road vehicles — In-vehicle Ethernet —Part 3: Optical 1-Gbit/s physical entity requirements and conformance test plan	National standard
5	Road vehicles — In-vehicle Ethernet—Part 5: Optical 1-Gbit/s physical layer system requirements and test plans	National standard
6	Road vehicles—In-vehicle Ethernet—Part 6: Electrical 100 Mbit/s physical entity technical requirements and conformance test plan	National standard
7	Road vehicles—Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy—Part 5: Reverberation chamber	National standard
8	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part5: Emissions-related diagnostic services	National standard
9	Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics —Part 6: Diagnostic trouble code definitions	National standard
10	Road vehicle—Information for plates, labels and electronic identifications of traction batteries	National standard
11	Automobile and motorcycle engine steel belt combined oil ring	Industry standard
12	Leaf springs of automobile— Part1: Leaf spring	Industry standard
13	Self-loading and unloading garbage vehicle	Industry standard
14	Truck mounted concrete pump	Industry standard
15	Medical vehicle	Industry standard
16	Detachable container garbage vehicle	Industry standard
17	concrete truck mixer-requirements and test methods	Industry standard
18	Auto Leveling device of special purpose vehicle	Industry standard
19	Technical requirements and test methods for differential assembly for passenger cars	Industry standard
20	Test methods for transmission efficiency of passenger cars	Industry standard
21	Sealed parcel delivery systems of vehicles for dangerous goods transport	Industry standard
22	Technical requirements and bench methods for hydraulic control units of automotive automatic transmissions	Industry standard
23	Technical Specification for electronic gear shifters assembly of passenger cars	Industry standard
24	Technical specifications for silicon carbide-based metal-oxide-semiconductor field-effect transistor power modules for electric vehicles	Industry standard
25	Technical specification of silicon carbide based metal-oxide-semiconductor field-effect-transistor power discrete devices for electric vehicles	Industry standard
26	Technical specifications for silicon-based insulated gate bipolar transistor (IGBT) power modules for electric vehicles	Industry standard
27	Technical specifications for silicon-based insulated gate bipolar transistor power discrete devices for electric vehicles	Industry standard
28	Intelligent and connected vehicle—Testing methods and requirements for port automated driving feature	Industry standard
29	Technical specification for digital key system of vehicles	National standard
30	Safety requirements of lithium-ion battery for electric mopeds and motorcycles	National standard
31	The safety technique specifications of special school	National standard foreign version
32	On-board accident emergency call system	National standard foreign version

05 Standards published

Serial No.	Standard No.	Name of the standard	Type
1	GB/Z 173-2026	Test methods for fuel consumption of fuel cell electric motorcycles and fuel cell electric mopeds	National standard
2	GB/Z 172-2026	Safety requirements guide for fuel cell electric motorcycles and fuel cell electric mopeds	National standard
3	GB/T 47591-2026	Road vehicle—Information for plates, labels and electronic identifications of traction batteries	National standard
4	GB/T 47504-2026	Commercial vehicle controller area network (CAN) communication protocol	National standard
5	GB/T 47487-2026	Hydrogen injector for hydrogen-fueled vehicle engines	National standard
6	GB 15744-2026	Fuel consumption limits and measurement methods for motorcycles and mopeds	National standard
7	GB 15082-2026	Speedometers for automobiles and motorcycles	National standard
8	GB 11557-2026	Provisions for the protection of the driver against the steering mechanism in the event of impact	National standard
9	QC/T 981-2026	Automobile wheels — Surface paint coating	Industry standard
10	QC/T 963-2026	Motorcycle and moped wheel brake rims	Industry standard
11	QC/T 912-2026	Technical requirements for matching of towing vehicles and trailers	Industry standard
12	QC/T 901-2026	Method for quality inspection and evaluation of automobile engines	Industry standard
13	QC/T 741-2026	Supercapacitors for electric road vehicles	Industry standard
14	QC/T 701-2026	Rear shock absorber joints and bushings for motorcycles and mopeds	Industry standard
15	QC/T 70-2026	Measurement methods for engine noise of motorcycles and mopeds	Industry standard
16	QC/T 684-2026	Engine gaskets for motorcycles and mopeds	Industry standard
17	QC/T 68-2026	Magnetos for motorcycles and mopeds	Industry standard
18	QC/T 644-2026	Metal fuel tanks for automobiles	Industry standard
19	QC/T 60-2026	Bench test methods for vehicle performance of motorcycles and mopeds	Industry standard

20	QC/T 468-2026	Automobile radiators	Industry standard
21	QC/T 464-2026	Shower vehicle	Industry standard
22	QC/T 452-2026	Camping vehicle	Industry standard
23	QC/T 451-2026	Vending vehicle	Industry standard
24	QC/T 448-2026	Catering vehicle	Industry standard
25	QC/T 37-2026	Technical requirements and bench test methods for air-pressure regulating and protection devices of automobiles and trailers	Industry standard
26	QC/T 35-2026	Technical requirements and bench test methods for pneumatic control devices of automobiles and trailers	Industry standard
27	QC/T 34-2026	Failure modes and classification of automobiles	Industry standard
28	QC/T 323-2026	Performance requirements and test methods for automobile closures	Industry standard
29	QC/T 319-2026	Power take-off for special-purpose vehicles	Industry standard
30	QC/T 316-2026	Technical requirements and bench test methods for fatigue strength of automobile service brakes	Industry standard
31	QC/T 311-2026	Performance requirements and bench test methods for vacuum booster and master cylinder assemblies for automobiles	Industry standard
32	QC/T 217-2026	Pressure switches for automobiles	Industry standard
33	QC/T 199-2026	Balance weights for automobile wheels	Industry standard
34	QC/T 1280.1-2026	Intelligent manufacturing for vehicles—Mass customization—Part 1: General requirements	Industry standard
35	QC/T 1279-2026	Functional requirements for collaborative R&D and design platform in automotive intelligent manufacturing	Industry standard
36	QC/T 1278-2026	Technical requirements and test methods for automotive automated-driving computing chips	Industry standard
37	QC/T 1277-2026	Technical requirements and test methods for automotive security chips	Industry standard
38	QC/T 1276-2026	Requirements for greenhouse gas emissions accounting and reporting—Automobile engine manufacturing enterprises	Industry standard
39	QC/T 1275-2026	Greenhouse gases—Quantification methods and requirements for product carbon footprint—Automobile engines	Industry standard
40	QC/T 1274-2026	Requirements for greenhouse gas emissions accounting and reporting—End-of-life vehicle recycling and dismantling enterprises	Industry standard
41	QC/T 1273-2026	Technical requirements and bench test methods for torsion bar springs used in automotive suspension	Industry standard

42	QC/T 1271-2026	Positive crankcase ventilation valves for automobile engines	Industry standard
43	QC/T 1270-2026	Technical requirements and test methods for onboard electronic unit chips of electronic toll collection systems	Industry standard
44	QC/T 1269-2026	Technical requirements and test methods for motor controllers for electric vehicles	Industry standard
45	QC/T 1268-2026	Vehicle cab—Hydraulic tilting and locking system	Industry standard
46	QC/T 1206.5-2026	Traction battery thermal management systems for electric vehicles—Part 5: Direct cooling and direct heating systems	Industry standard
47	QC/T 1206.4-2026	Traction battery thermal management systems for electric vehicles—Part 4: Heaters	Industry standard
48	QC/T 1206.3-2026	Traction battery thermal management systems for electric vehicles—Part 3: Air cooling systems	Industry standard
49	QC/T 1086-2026	Technical requirements and test methods for range extenders for electric vehicles	Industry standard
50	QC/T 1075-2026	Metal honeycomb substrates for exhaust catalytic converters and electric heating devices	Industry standard
51	QC/T 1067.3-2026	Connectors for automobile wiring harnesses and electrical equipment—Part 3: Types, dimensions, test methods and general performance requirements for wire terminals and battery terminals	Industry standard
52	QC/T 1041-2026	Technical requirements for evaporative emission control systems of motorcycles and mopeds	Industry standard
53	QC/T 1022-2026	Technical requirements and test methods for reducer assemblies for battery electric vehicles	Industry standard
54	QC/T 1005-2026	Performance requirements and bench test methods for hydraulic control units used in electronic stability control systems and anti-lock braking systems	Industry standard
55	GB/T 47352-2026	Technical specification for battery swapping system of electric motorcycles and electric mopeds	National standard
56	GB/T 47351-2026	Intelligent and connected vehicles —Technical requirements and test methods of vehicle-control operating system	National standard
57	GB/T 47341-2026	Intelligent and connected vehicle Technical requirements and test methods of vehicle-info operating system	National standard
58	GB/T 47316-2026	Road vehicles Visibility Method for establishment of eyellipses for driver's eye location	National standard
59	GB/T 47315-2026	Road simulation rig test method for motor vehicles structural durability	National standard
60	GB/T 47314-2026	Livestock and poultry transport vehicles	National standard
61	GB/T 47248-2026	Road vehicles-Safety chains for trailers up to 3.5 t	National standard
62	GB/T 47246-2026	Technical specifications for electrification of child restraint systems for power-driven vehicles	National standard

V Call for Contributions & Collaboration Opportunities

To enhance the value of the *Monthly Briefing of Chinese Auto Standardization* and to better reflect the latest progress across the industry, we warmly welcome contributions from all partners.

If your organization has:

- Activities, events, or initiatives you wish to highlight;
- New publications, research reports, or best practices to share;
- Cooperation proposals or information exchange needs;

Please feel free to contact us — we are glad to support promotion and visibility through future issues of the briefing.

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