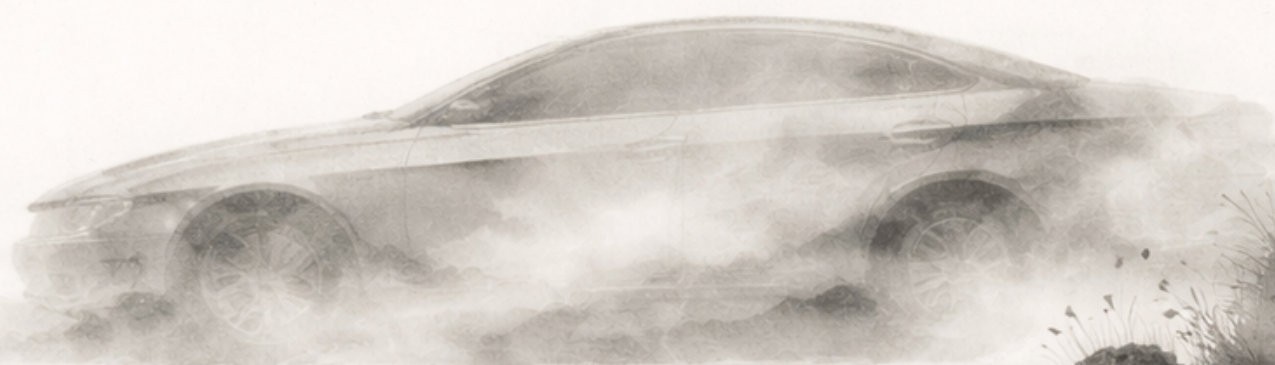


CHINA AUTOMOTIVE STANDARDIZATION *INTERNATIONAL BRIEF*

03
ISSUE
2026



GB at A Glance: GB/T 47031—2025

Policy Outlook

**Standardization
Updates**

**Contribute &
Collaborate**

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I Policy Outlook

01 MIIT and Seven Other Authorities Issue the Guidelines for the Security of Cross-Border Transfers of Automotive Data (2026 Edition)

On February 3, 2026, the Ministry of Industry and Information Technology (MIIT), together with the Cyberspace Administration of China (CAC), the National Development and Reform Commission (NDRC), the National Data Administration (NDA), the Ministry of Public Security (MPS), the Ministry of Natural Resources (MNR), the Ministry of Transport (MOT), and the State Administration for Market Regulation (SAMR), jointly issued the **Guidelines for the Security of Cross-Border Transfers of Automotive Data (2026 Edition)** (hereinafter referred to as the *Guidelines*).

The *Guidelines* are intended to provide direction and standardization for automotive data handlers in carrying out cross-border data transfer activities in an efficient, convenient, and secure manner, while further facilitating such transfers in the automotive sector.

The *Guidelines* clarify their scope of application, under which automotive data handlers are to conduct cross-border data transfer activities accordingly. For the purposes of the *Guidelines*, “automotive data” refers to personal information and important data generated or involved in the design, production, sale, use, operation, maintenance, and related processes of automobiles.

“Automotive data handlers” refer to organizations or individuals that independently determine the purposes and means of processing automotive data. These include, but are not limited to, vehicle manufacturers, component and software suppliers, telecommunications operators, autonomous driving service providers, platform operators, dealers, maintenance and repair institutions, as well as mobility service providers.

02 China Launches Free Public Access to Foreign-Language Versions of National Standards

On April 14, 2026, the State Administration for Market Regulation (SAMR), together with the Ministry of Housing and Urban-Rural Development (MOHURD), the Ministry of Transport (MOT), and the Ministry of Commerce (MOFCOM), introduced a new initiative to provide free public access to foreign-language versions of China’s national standards.

According to SAMR, foreign-language versions of national standards refer to officially translated editions of Chinese national standards in English or other languages. The authorities described the initiative as part of broader efforts to advance standards internationalization, support high-standard

opening up, facilitate trade and overseas projects, and strengthen standards-based connectivity with Belt and Road partner countries.

<https://openstd.samr.gov.cn/bzgk/std/index>

As of the end of March 2026, China had released a total of 2,613 foreign-language versions of national standards, covering more than 20 key fields, including equipment manufacturing, overseas engineering, bulk commodities, information technology, and new energy. These standards are available in 11 languages, including English, Russian, French, German, Japanese, Lao, Khmer, Mongolian, Burmese, Portuguese, and Vietnamese.

The new service has been added to the National Standard Information Public Service Platform and officially went online on April 14. Users can search by standard number, language, or sector, and access full-text online reading and download functions without registration. An English-language interface has also been launched to improve accessibility for overseas users. SAMR stated that all published texts are official translations, intended to ensure the authority, consistency, and effective use of the standards at home and abroad.

II GB at a glance: GB/T 47031—2025

Intelligent and connected vehicles—Performance requirements and test methods for automated parking system

The standard took effect on January 28, 2026.

✧ **Scope**

The standard specifies general requirements and performance requirements for automated parking systems and describes the corresponding test methods. It applies to **M1** vehicles equipped with an automated parking system, while other vehicle types may refer to it as appropriate. The document covers automated parking operations conducted in parking lots and on-street parking spaces.

✧ **Definition of automated parking function**

An automated parking function refers to a function that, under its operational design condition, can continuously perform the entire dynamic driving task, automatically identify an available parking space, and complete the maneuver of parking into the space, or both parking into and exiting from the space.

✧ **Definition of automated parking system**

An automated parking system refers to the combined hardware and software system that enables the automated parking function. Unless otherwise specified, the term “system” in this document refers to the automated parking system.

Key Breakthrough I: Clarifying System Classification and Functional Boundaries to Better Support Diverse Application Needs

To accommodate different regulatory needs and technical approaches, the standard classifies automated parking systems into **Type I** and **Type II**, with clearly defined functional boundaries for each category. This classification leaves room for technological innovation while helping prevent systems with insufficient capability from pursuing higher-level functions prematurely, which could otherwise create safety risks.

System Type	Core Configuration	Functional	Key Differences in Requirements
Type I	Mandatory: automatic parking into a parking space Optional: automatic parking out of a parking space		Shall meet all requirements of the standard except those related to cruising
Type II	Mandatory: automatic parking into a parking space and parking-area cruising Optional: automatic parking		Shall meet all requirements of the standard, including compliance requirements

System Type	Core Configuration	Functional Key Differences in Requirements
	out of a parking space	for parking in, parking out and cruising.

Key Breakthrough II: Quantifying Core Performance Indicators with a Focus on Safety and Practical Use

In terms of performance requirements, the standard quantifies parking time for the FIRST time, further refines the technical parameters for parking-in, parking-out and parking-area cruising, and clarifies human-machine interaction requirements, making the provisions more closely aligned with real-world user scenarios.

In terms of safety requirements, the standard specifies that the system shall be equipped with core functions such as obstacle detection and response, remote braking for automated parking systems capable of operating without occupants in the vehicle, and self-check and diagnostic functions. These provisions establish an important safety foundation for the large-scale deployment of automated parking functions.



Key Breakthrough III: Aligning with Real-World Domestic Scenarios by Establishing a Full-Chain Validation System

The standard establishes a three-pillar validation framework consisting of **closed test sites**, **public parking lots**, and **simulation testing**, supported by verification testing to ensure the completeness and practicability of the test requirements.

- ✧ Testing at closed sites covers **34** scenario categories, including complex conditions such as dynamic pedestrian crossing and vehicle encounters on curved roads.
- ✧ Public parking lot testing is required to cover different types of locations, lighting conditions, and time periods, reflecting the characteristics of parking environments in China, which are often marked by high pedestrian activity and diverse scenarios.
- ✧ Simulation testing focuses on scenarios that are difficult to reproduce in real-world testing, such as extreme weather and complex obstacles, with particular emphasis on verifying system robustness.

III Standardization Updates

01 Standard Projects Initiated

Serial No.	Name of the standard	Type
1	Technical requirements for fuel cell power systems for electric motorcycles and electric mopeds	National
2	Test method for performance of regenerative braking systems of electrically propelled motorcycle and mopeds	National
3	Technical Evaluation Guidelines for Electric Vehicle Electrical Safety	National
4	Road vehicles—Small reverberation chamber sound absorption test method	National
5	Specification for simulation of motor vehicle aerodynamic performance	National
6	Measurement and evaluation methods for sound insulation performance of motor vehicles—Part 1: Reverberation room method	National
7	Measurement and evaluation methods for sound insulation performance of motor vehicles—Part 2: Anechoic room method	National
8	Test method for vehicle noise and vibration during engine engagement	National
9	Motor vehicle exterior flow field—Wind tunnel test method for flow visualization	National
10	Motor vehicle climatic wind tunnel—Test and evaluation methods for snow simulation	National
11	Motor vehicle aerodynamic and aeroacoustic wind tunnel—Calibration specification for flow field	National
12	Test method for vehicle noise and vibration during engine engagement	English version
13	Measurement and evaluation methods for sound insulation performance of motor vehicles—Part 1: Reverberation room method	English version
14	Measurement and evaluation methods for sound insulation performance of motor vehicles—Part 2: Anechoic room method	English version

Serial No.	Name of the standard	Type
15	Technical Evaluation Guidelines for Electric Vehicle Electrical Safety	English version

02 Standards soliciting public opinions

Serial No.	Name of the standard	Type
1	Production label for child restraint system of power-driven vehicles	National
2	Model coding rules and identification number of child restraint system	National
3	Road vehicles - Sensitivity to lateral wind - Open-loop test and evaluation method using wind generator input	National
4	Motor vehicles—Towing performance —Test method	National
5	Test method for roll stability of heavy vehicles— Closing-curve test	National
6	Road vehicles —24V fully automatic coupling systems for heavy commercial vehicle combinations —Part 1:General requirements and definitions	National
7	Road vehicles —24V fully automatic coupling systems for heavy commercial vehicle combinations — Part 2:Electrical and pneumatic interface for 50 mm fifth wheel couplings	National
8	Technical Guidelines for continued Manufacturing of Incomplete Vehicles	National
9	Technical specifications for solid electrolyte for solid-state battery for electric vehicle	National
10	Road vehicles—General requirements for the use of recycled materials	National
11	Performance Requirements and Testing Methods for Brake Assist Systems (BAS) of Light Vehicles	National
12	Intelligent and connected vehicle — Safety requirements for automated driving system	National

Serial No.	Name of the standard	Type
13	Symbols for controls, indicators and tell-tales of motor vehicles	National
14	Performance and installation requirements of rear-views mirrors for motorcycles and mopeds	National
15	Structure requirements of low floor public bus and low entry public bus	National
16	Technical specification of insulation system for driving motor of new energy vehicle	National
17	Test methods for high and low temperature energy consumption of heavy-duty commercial vehicles	Industrial
18	Performance requirements and bench test methods for passenger car electrical brake booster assembly	Industrial
19	Performance requirements and bench test methods for passenger car integrated brake control assembly	Industrial
20	Semi-trailer for container platform carrier	Industrial
21	Technical requirements for trailer air suspension	Industrial
22	Technical requirement and testing methods of control chip for electric vehicle	Industrial

03 Standards submitted for approval

Serial No.	Name of the standard	Type
1	Requirements for vehicle data security assurance	National
2	Evaluation for categorization and classification of vehicle security vulnerability	National
3	Road vehicles—Hybrid III 50th male frontal Impact Dummy Design specifications—Part 1: Basic Performance	National
4	Installation of the high pressure fuel pump to the gasoline engines with direct fuel injection	National
5	Safety requirements of conductive charging and discharging for electric vehicles	National

Serial No.	Name of the standard	Type
	Amd.1	
6	Test methods for energy consumption of light-duty hybrid electric vehicles Amd.1	National
7	Data storage system for automated driving	English Version
8	Screw type ball pin for motor vehicles	Industrial
9	Ball pin seat for motor vehicles	Industrial
10	A type spring nuts for automobile	Industrial
11	Internal/external serration lock washer	Industrial
12	Lead seal	Industrial
13	Voltage regulators for motorcycles and mopeds	Industrial
14	Frame of motorcycles and mopeds	Industrial
15	Painting coat of motorcycles and mopeds	Industrial
16	Carriage for three-wheeled motorcycles and mopeds	Industrial
17	Automotive electric side door system	Industrial
18	Automotive Engine-Piston Pin bore fatigue test methods	Industrial
19	Solar simulation accelerated aging test methods for passenger cars	Industrial
20	Intelligent manufacturing of motor vehicle—Mass customization—Part 2: Digital marketing system technical requirements	Industrial
21	Wind noise measurement method for motor vehicles	Industrial
22	On road test method for vehicle buzz squeak and rattle evaluation	Industrial

Serial No.	Name of the standard	Type
23	Measurement methods of idle noise and vibration for motor vehicles	Industrial
24	Performance requirement and test method of seat ventilation system	Industrial
25	Sodium ion battery for electric vehicles	Industrial
26	Thermal characteristics test methods for electric vehicle traction battery	Industrial
27	Greenhouse gases-Quantitative methods and requirements of product carbon footprint-Automobile air conditioning	Industrial

04 Standards published

Serial No.	Standards No.	Name of the standard	Type
1	GB/T 47126-2026	Road vehicles — Data communication between sensors and data fusion unit for automated driving functions — Logical interface	National
2	GB/T 25085.7-2026	Road vehicles — Automotive cables — Part 7: Dimensions and requirements for 30 V a.c. or 60 V d.c. round, sheathed, screened or unscreened multi or single core copper conductor cables	National
3	GB/T 25085.8-2026	Road vehicles — Automotive cables — Part 8: Dimensions and requirements for 30 V a.c. or 60 V d.c. round, sheathed, screened or unscreened multi or single core aluminium conductor cables	National
4	GB/T 25085.9-2026	Road vehicles - Automotive cables - Part 9: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. round, sheathed, screened or unscreened multi or single core copper conductor cable	National
5	GB/T 25085.6-2026	Road vehicles — Automotive cables — Part 6: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. single core aluminium conductor cables	National
6	GB/T 25085.5-2026	Road vehicles — Automotive cables — Part 5: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500	National

Serial No.	Standards No.	Name of the standard	Type
		V d.c. single core copper conductor cables	
7	GB/T 25085.10-2026	Road vehicles — Automotive cables — Part 10: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. round, sheathed, screened or unscreened multi or single core aluminium conductor cables	National
8	GB 34660-2026	Road vehicles-Requirements and test methods of electromagnetic compatibility	National

IV 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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