

Monthly Briefing of Chinese Auto Standardization – May 2025



China Automotive Standardization Research Institute
(CASRI)

I. Policy Update

01 Nine Ministries Jointly Issue Guidelines to Strengthen Vehicle Environmental Regulation

On May 6, 2025, nine government bodies—including the Ministry of Ecology and Environment, Supreme People’s Court, Supreme People’s Procuratorate, National Development and Reform Commission, Ministry of Public Security, Ministry of Finance, Ministry of Transport, Ministry of Commerce, and State Administration for Market Regulation—jointly issued the Guiding Opinions on Further Optimizing Environmental Supervision of Motor Vehicles.

The document aims to implement the decisions of the CPC Central Committee and the State Council by improving the environmental supervision system for motor vehicles, fostering a level playing field, protecting law-abiding enterprises, and reducing vehicle pollutant emissions to continuously improve air quality.

Key measures include refining the policy and standards system for vehicle environmental management, clarifying technical requirements for the qualification of emission testing institutions, accelerating the revision of China VI vehicle emission standards, tightening requirements for vehicle data management and emission control systems, and formulating OBD (On-board Diagnostics) inspection methods for in-use vehicles with enhanced capabilities for performance verification and tampering detection.

02 Li Lecheng Chairs First Meeting of National NEV Power Battery Recycling Task Force

On May 26, 2025, Li Lecheng, Minister of Industry and Information Technology and head of the National Task Force on New Energy Vehicle (NEV) Power Battery Recycling, chaired the inaugural meeting of the task force. The meeting focused on implementing President Xi Jinping’s key directives and advancing the construction of a standardized, safe, and efficient power battery recycling system.

The meeting emphasized that power battery recycling is crucial for ecological and environmental protection, public safety, and the high-quality development of China's NEV and battery industries. Participants were urged to align with the central government's decisions, enhance their sense of responsibility, and accelerate the establishment of a comprehensive recycling system.

Key tasks include improving the regulatory framework, expediting the formulation of relevant laws and regulations, and developing and revising mandatory standards such as safety technical specifications for various types of lithium batteries. The task force also called for strengthening supervision across the entire chain—from battery production to vehicle scrapping,

dismantling, and utilization—eliminating bottlenecks in the supervision process, and using digital technologies to enhance monitoring of battery flows.

Additionally, efforts will be made to boost industry capacity by promoting collaborative research and development of key technologies, processes, and equipment, strengthening standardized industry management, implementing dynamic management of enterprises that meet regulatory conditions, supporting key enterprises in becoming stronger, and guiding the healthy development of the industry.

II. Standardization updates in May

01

Standard project approved and initiated

Serial No.	Name of the standard
1	Intelligent manufacturing for vehicle—Mass customization—Part 2: Digital marketing system technical requirements
2	Aluminum Reservoir Assy for Air Suspension of Passenger Vehicle
3	Aluminum alloy steering knuckle
4	Torque Limiter Assembly for Passenger Cars
5	Recliner For Passenger Car Seats
6	Internal/external serration lock washer
7	Conrod of automobile engine
8	Automobile Cooling fan module
9	Spring nuts for motor vehicles
10	Screw type ball pin for motor vehicles
11	Ball pin seat for motor vehicles
12	Lead seal
13	Torque rod with rubber joint for vehicle suspension

Serial No.	Name of the standard
14	Coal transport vehicle

02

Automotive standards soliciting public opinions

Serial No.	Name of the standard	Type
1	Road vehicles — Connectors for the electrical connection of towing and towed vehicles (13-pole) — Part 2: 13-pole connectors for vehicles with 12V nominal supply voltage intended to cross water fords	National
2	In-vehicle traction battery durability requirements and test methods for electric vehicles—Part 1:Light-duty vehicles	National
3	Limits and measurement methods for bus interior noise (Amend 1)	National
4	Off-cycle technology/device energy saving effects evaluation methods for passenger cars—Part 3:Automotive air conditioner	National

03

Automotive standards reviewed

Serial No.	Name of the standard	Type
1	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 V d.c. single core copper conductor cables	National
2	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
3	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
4	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
5	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
6	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
7	Technical requirements and bench test methods for AMT clutch actuator of commercial vehicle	Industrial
8	Technical requirements and bench test method of torsion bar spring for automobile suspension	Industrial

Serial No.	Name of the standard	Type
9	Automotive ignition controller	Industrial

04 Automotive standards submitted for approval

Serial No.	Name of the standard	Type
1	Code of designation for motorcycles and mopeds	National
2	Diagnostic Connector of Motorcycles and Mopeds	National
3	Commercial vehicle controller area network (CAN) communication protocol	National
4	Plug-in hybrid electric commercial vehicles—Specifications	National
5	Fueling nozzle for CNG dispenser	National
6	Natural gas vehicles-Engineering approval evaluation program	National
7	Pressure regulator of CNG vehicles	National
8	Gaseous fuel vehicle—Terminology	National
9	Gaseous fuel vehicle—Identification marks	National
10	Road vehicles— Spark-plugs and their cylinder head housing—Basic characteristics and dimensions	National
11	Test method of system power of hybrid electric vehicles and pure electric vehicles having more than one propulsion electric machine	National
12	Inlet air cleaning equipment for internal combustion engines and compressors - Performance testing	National
13	Road vehicle—General requirements for greenhouse gas management—Part 1: Terms and definitions	National
14	Road vehicle—General requirements for greenhouse gas management—Part 2: Carbon footprint labels of road vehicle products	National
15	Cover glazing used for vehicle display	National
16	Evaluation method for photothermal comfort testing of automotive glass	National

Serial No.	Name of the standard	Type
17	Electro-switchable smart glazing used on road vehicle Part 1: Organic electrochromic glazing	National
18	Electro-switchable smart glazing used on road vehicle Part 2: Polymer dispersed liquid crystal glazing	National
19	Electro-switchable smart glazing used on road vehicle Part 3: suspended particles glazing	National

05 Automotive standards published

Serial No.	Standard No.	Name of the standard	Type
1	GB 15365-2025	Symbols for controls, indicators and tell-tale for motorcycles and mopeds	National
2	GB 17510-2025	Light-signalling devices for motorcycles and mopeds	National
3	GB 18100-2025	Provisions for the installation of lighting and light-signaling devices for motorcycles and mopeds	National
4	GB 19152-2025	Road illumination devices for motorcycles and mopeds	National
5	GB 19482-2025	Safety property requirements and test methods for fuel tanks of motorcycles and mopeds	National
6	GB 21670-2025	Technical Requirements and Testing Methods for Passenger Car Braking Systems	National
7	GB 36980.1-2025	Energy consumption limits for electric vehicles—Part 1: Passenger car	National
8	GB 45831-2025	Light sources for power-driven vehicles —Safety requirements	National
9	GB/T 32960.1-2025	Technical specifications of remote service and management system for electric vehicles—Part1: General principle	National
10	GB/T 32960.4-2025	Technical specifications of remote service and management system for electric vehicles—Part4: Conformance test	National

Contact Us

Editor	Zhang Honghe	zhanghonghe01@catarc.ac.cn
Contact persons	Lu Chun	luchun@catarc.ac.cn
	Fang Zili	fangzili@catarc.ac.cn