

ICS 43.020
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 7258-2026

Replacing GB 7258-2017

**Technical specifications for safety of power-driven vehicles
operating on roads**

机动车运行安全技术条件

(English Translation)

Issued on: August 27, 2026

Implemented on: July 1, 2027

**Issued by: State Administration for Market Regulation;
Standardization Administration of the People's Republic of China**

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Foreword

This document was issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of the People's Republic of China, and takes effect on 1 July 2027.

It replaces GB 7258-2017, which remains in force until that date.

It is a GB standard without the /T suffix: compliance is mandatory in China.

The standard is proposed by and under the jurisdiction of the Ministry of Public Security, the authority responsible for vehicle registration and road traffic enforcement in China.

Clause 15 deals with the implementation of the standard.

1 Scope

This document specifies the basic technical requirements for the operational safety of power-driven vehicles in respect of the complete vehicle, main assemblies, safety protection devices, etc., as well as the additional requirements for fire engines, ambulances, emergency rescue vehicles, police vehicles and motor vehicles specially designed for the disabled.

This document applies to all power-driven vehicles operating on roads, but does not apply to trams or special-purpose wheeled vehicles that are not designed and manufactured for operating and use on roads and are mainly used for operations and construction on closed roads or sites.

Note: A tram refers to a road vehicle driven by an electric motor and carried on rails.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

GB 811 Helmets for motorcycle and electric bicycle users

GB 1589 Limits of dimensions, axle load and masses for motor vehicles, trailers and combination vehicles

GB/T 2408-2021 Plastics - Determination of burning characteristics - Horizontal and vertical test

GB/T 3181 Colour standard for paint film

GB 4094 Symbols for controls, indicators and tell-tales of motor vehicles

GB 4599 Road illumination devices and systems for motor vehicles

GB 4785 Prescription for installation of the external lighting and light-signalling devices for motor vehicles and their trailers

GB/T 7037 Retreaded tyres for trucks and buses

GB 7956.1 Fire fighting vehicle - Part 1: General technical specifications

GB 8108 Vehicle electronic sirens

GB/T 8196 Safety of machinery-Guards-General requirements for the design and construction of fixed and movable guards

GB 8410 Flammability of automotive interior materials

GB 9656 Safety technical specification for glazing materials used in power-driven vehicles

GB 10396 Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles

GB 11564 Retro-reflective devices and markings for motor vehicles

GB 11567 Motor vehicles and trailers-lateral and rear underrun protection requirements

GB/T 12428 Laden mass calculating method for bus

GB 12676 Technical requirements and testing methods for commercial vehicle and trailer braking systems

GB 13057 Strength of seats and their anchorages of passenger vehicles

GB 13365 Motor vehicle spark arrester

GB 13392 Vehicle marking of dangerous goods for road transportation

GB 13954 Warning lamps for police cars fire engines ambulances and engineering rescue vehicles

GB/T 14172 Bench test methods of static roll stability for motor vehicles, trailers and combination vehicles

GB/T 14646 Retreaded tyres for passenger cars

GB 15084 Motor vehicles - Device for indirect vision-Requirement of performance and installation

GB 15365 Symbols for controls, indicators and tell-tales for motorcycles and mopeds

GB 15741 The license plates (brackets) and its position on motor vehicles and trailer

GB 15742 Performance requirements and test methods of horn for motor vehicles

GB 16735 Road vehicle-Vehicle identification number (VIN)

GB/T 17350 Classification, name and model compilation method for special motor vehicles and special trailers

GB 17352 Performance and installation requirements of rear view mirrors for motorcycles and mopeds

GB 17354 Front and rear protective devices for passenger cars

GB 17578 Requirements and test methods of strength for the superstructure of bus

GB/T 17676 Gaseous fuel vehicle - Identification marks

GB 18100 Provisions for the installation of lighting and light-signaling devices for motorcycles and mopeds

GB/T 18411 Power-driven vehicles manufacturer's plate

GB 18447 Safety technical specifications for tractors

GB 18564.1 Road tanker for dangerous liquid goods transportation - Part 1: Technical requirements of atmospheric pressure metal tank

GB 18564.2 Road tanker for dangerous liquid goods transportation - Part 2: Technical requirements of atmospheric pressure non-metal tank

GB/T 18697 Acoustics - Measurement of noise inside motor vehicles

GB/T 19056 Vehicle travelling data recorder

GB 19152 Road illumination devices for motorcycles and mopeds

GB 19239 Installation specification for gas system of gas vehicles

GB 20074 External projections for motorcycles and mopeds

GB 20075 Passenger handholds and footrests on motorcycles

GB/T 20418 Earth-moving machinery - Lighting, signaling and marking lights, and reflex-reflector devices

GB/T 20718.1 Road vehicles - Connectors for the electrical connection of towing and towed vehicles (13-pole) - Part 1: 13-pole connectors for vehicles with 12V nominal supply voltage not intended to cross water fords

GB/T 21152 Earth-moving machinery-Wheeled or high-speed rubber-tracked machines-Performance requirements and test procedures for brake systems

GB/T 21155 Earth-moving machinery-Machine-mounted audible travel alarms and forward horns-Test methods and performance criteria

GB 21668 Safety technical specifications of vehicles for the carriage of dangerous goods

GB 21670 Technical requirements and testing methods for passenger car braking systems

GB 24315 The marker for school bus

GB 24406 Strength of student seat and their anchorages of special school bus

GB 24407 Safety technical specifications of special school bus

GB 24545 Requirements and test methods of speed limitation system for motor vehicles

GB/T 25606 Earth-moving machinery - Product identification numbering system

GB/T 25978 Road vehicle-Plates and label

GB/T 25980 Road vehicles - Coupling balls for caravans and light trailers - Dimensions

GB/T 25988 Road vehicles - Towing vehicle coupling device to tow caravans or light trailers - Mechanical strength test