ICS 43.020
CCS T 09

中华人民共和国国家标准

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 7258-2026
Replaces 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)

www.chinaautoregs.com 中国汽车法规译文库

Issued on 2026-08-27 **Implemented on 2027-07-01**

Jointly Issued by

State Administration for Market Regulation of the People's Republic of China &
Standardization Administration of the People's Republic of China

CONTENTS

Foreword I
Introduction VII
1 Scope 1
2 Normative References 1
3 Terms and Definitions 4
4 Complete Vehicle 10
5 Engine and Drive Motor 29
6 Steering System 29
7 Braking System 30
8 Lighting, Signaling Devices and Other Electrical Equipment 39
9 Running System 47
10 Transmission System 48
11 Bodywork 50
12 Safety Protection Devices 58
13 Additional Requirements for Fire Fighting Vehicles, Ambulances, Engineering Rescue Vehicles, and Police Cars 67
14 Additional Requirements for Vehicles for Handicapped Driving 67
15 Implementation of This Standard 68
Bibliography 70

www.chinaautoregs.com 中国汽车标准译文库

Safety Specifications for Power-driven Vehicles Operating on Roads

1 SCOPE

This document specifies the basic technical requirements concerning operation safety of complete vehicle, principal assemblies and safety protection devices, etc. of power-driven vehicles, as well as the additional requirements for fire fighting vehicles, ambulances, engineering rescue vehicles, police cars and vehicles for handicapped driving.

This document is applicable to all power-driven vehicles operating on roads, but not applicable to tramcars or the wheeled mobile machinery for special purpose which is not designed or manufactured for operating or use on roads and is mainly used for operation and construction on closed roads and sites.

Note: tramcar refers to a road vehicle operating on track, propelled by electric motor.

2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB 811	Helmets for Motorcyclists
GB 1589	Limits of dimensions, axle load and masses for road vehicles
GB/T 2408-2021	Plastics—Determination of burning characteristics—Horizontal and vertical test
GB/T 3181	Color standard for paint film
GB 4094	Motor vehicles – Symbols for controls, indicators, and tell-tales
GB 4599	Photometric characteristics of headlamps for motor vehicles
GB 4785	Installation specifications of the external lighting and signaling devices for motor vehicles and their trailers
GB/T 7037	Retreaded tyres for trucks and buses
GB 7956.1	Fire Fighting Vehicles - Part 1: General Technical Specifications
GB 8108	Vehicle-used electronic siren
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 Glazing Material for Motor Vehicle
GB 10396	Tractors and Machinery for Agricultural and Forestry, Power-Driven Machinery for Lawn and Garden – Safety Signs and hazard figures – General
GB 11564	Retro-reflective devices and markings for motor vehicles
GB 11567	Side, Rear and Underrun Protection Requirements for Motor Vehicles and Trailers
GB/T 12428	Laden mass calculation of buses
GB 12676	Vehicle braking system, structure, performance and test method
GB 13057	Strength of bus seats and anchorage fittings
GB 13365	Spark Arrester
GB 13392	The vehicle mark for road transportation dangerous goods

GB 13954	Warning Lamps for Police Cars, Fire Fighting Vehicles, Ambulance and Rescue Vehicles
GB/T 14172	Static roll stability test method for motor vehicles
GB/T 14646	Retreaded tyres for passenger cars
GB 15084	Motor vehicles – Rear view mirrors – Requirements of performance and installation
GB 15365	Motorcycle: graphical signs for controls, indicators, and signaling devices
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 operation vehicles and special trailers
GB 17352	Rear-view Mirror Performance and Its Installation Requirements for Motorcycle and Moped
GB 17354	Front and rear protective devices for passenger cars
GB 17578	Provisions of Strength for the Superstructure of Bus
GB/T 17676	Natural Gas Vehicle and Liquefied Petroleum Gas Vehicle - Identification Marks
GB 18100	Provisions for the installation of lighting and light-signaling devices for motorcycles and mopeds
GB/T 18411	Road 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 Travel Data Recorder
GB 19152	Motor vehicle headlamps emitting a symmetrical passing beam or a driving beam or both
GB 19239	Installation specification for gas system of gas vehicles
GB 20074	External Projections from Motorcycles and Mopeds
GB 20075	Hand-holds on Motorcycles with Two Wheels
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	Provisions of vehicles for the carriage of dangerous goods with regard to their

	specific constructional features
GB 21670	Technical requirements and testing methods for passenger car braking systems
GB 24315	Marking for School Bus
GB 24406	The Strength of Seats and Their Anchorages of Special School Bus for Schoolchildren
GB 24407	Safety Technical Requirements for 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 Plate 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
GB 26149	Performance requirements and test methods of tire pressure monitoring system for passenger cars
GB 26511	Front Underrun Protective Requirements for Commercial Vehicle
GB/T 26774	Technical Specification for Car Carriers
GB 30677	Performance requirements and testing methods for electronic stability control system (ESC) for light-duty vehicles
GB 30678	Safety signs and information symbols for the use of bus
GB/T 31883	Road vehicles - drawbar couplings, drawbar eyes, fifth wheel kingpins, hook couplings and toroidal eyes - wear limits for in-use mechanical couplings
GB/T 32694	Plug-in hybrid electric passenger cars—Specifications
GB/T 34598	Plug-in hybrid electric commercial vehicles—Technical specifications
GB 34655	Requirements on Fire Extinction Equipment Configuration of Bus
GB/T 36123	Technical requirements for gas leakage alarm device of gas vehicle
GB/T 37153	Acoustic vehicle alerting system of electric vehicles running at low speed
GB 38031	Electric vehicles traction battery safety requirements
GB/T 38046	Reflective vest for motor vehicle passengers
GB 38185	Performance requirements and testing methods for electronic stability control system (ESC) for heavy-duty vehicles
GB/T 38186	Performance requirements and test methods for advanced emergency braking system (AEBS) of commercial vehicles
GB 38262	Flammability of interior materials for buses
GB/T 38694	Requirements and test methods of alert for vehicle turning right
GB/T 38796	Performance requirements and test methods of automobile blow-out emergency safety device
GB/T 38892	On-board driving video recording system
GB/T 39265	Road vehicles—Performance requirements and testing methods for blind spot detection (BSD) system
GB 39732	Vehicle event data recorder system
GB 39901	Technical requirements and testing methods for advanced emergency braking

	system of light-duty vehicles
GB/T 41796	Performance requirements and test methods for lane keeping assist system of commercial vehicles
GB/T 41797	Performance requirements and test methods for driver attention monitoring system
GB/T 44176	Performance requirements and testing methods for around view monitoring system of vehicles
GB 45672	On-board accident emergency call system
GB 48001	Safety technical requirements for automotive door handle
GA 524	Specification of 2004 style police vehicle unified appearance coating
GA 525	Specification of 2004 style police motorcycle unified appearance coating
GA 923	Specification of special police vehicle unified appearance coating
XF 1264	Fixed fire extinguishing systems for compartment of bus

3 TERMS AND DEFINITIONS

For the purpose of this document, the following terms and their definitions apply.

3.1 power-driven vehicle

a wheeled vehicle driven or towed by a power unit, operating on roads, and intended for carrying passengers or goods or for undertaking special engineering operations

Note: It includes motor vehicles and combination of vehicles, motorcycles and mopeds, tractors towing trailer for transportation, wheeled mobile machinery for special purposes, and trailers.

3.2 motor vehicle

any dynamically propelled vehicle which, with four or more wheels and not running on track, including the vehicles linked up with power line (e.g., trolleybus), is mainly used for:

— Carrying passengers and/or cargo (goods);

— Vehicles for towing cargo (goods) or special-purpose vehicles;

— Special operation.

The term also includes the following dynamically propelled tri-wheel vehicles that are not running on track:

a) Tri-wheel vehicles with a complete vehicle kerb mass exceeding 400 kg, without a cab, intended for carrying goods;

b) Tri-wheel vehicles with a complete vehicle kerb mass exceeding 600 kg, without a cab, without a goods-carrying structure or function, and designed and manufactured to accommodate up to 2 persons (including the driver);

c) Tri-wheel vehicles with a cab and a complete vehicle kerb mass exceeding 600 kg.

3.2.1 passenger vehicle

the motor vehicle which is primarily designed and manufactured for carrying passengers, including the vehicles which are equipped with special device or equipment but primarily intended for carrying passengers

3.2.1.1 passenger car

the motor vehicle, which is primarily designed and manufactured for carrying passengers and their luggage and/or temporary articles, with up to 9 seats (including the driver's seat)

Note: A passenger car may be equipped with certain special device or equipment and used for towing a center-axle trailer.

www.chinaautoregs.com

ChinaAutoRegs
中国汽车标准译文库

The following pages are left blank intentionally.

- 现成译文，到款即发。
- 下单前可任取样页验证译文质量。
- 免费提供正规普通增值税数电发票。
- 请联系**手机/微信: 133 0649 6964 Email: standardtrans@foxmail.com** 获取完整译文。
- 本英文译本为纯人工专业精翻版本，保证语法术语准确率和专业度！
- 专业源于专注|ChinaAutoRegs 始终专注于汽车标准翻译领域！
- 「中国汽车标准译文库」已收录上千个现行汽车国家标准和行业标准的英文版译本，涵盖传统燃油车、新能源汽车和摩托车标准化体系！独家打造千万级汽车专业术语库和记忆库。

- *The English Translation of this document is readily available, and delivered immediately upon payment.*
- *Sample pages may be requested to your preference before placing order.*
- *Please contact standardtrans@foxmail.com for the complete PDF version in English.*
- *Our well-established database has included almost all Chinese automotive standards in effect, providing one-stop, up-to-date, efficient and professional solution.*