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

GB 38900-2020

Replacing GB 21861-2014

**Items and methods for safety technology inspection of motor
vehicles**

机动车安全技术检验项目和方法

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1 Scope

GB 38900-2020 is the Chinese national standard on items and methods for safety technology inspection of motor vehicles, in the field of road vehicles engineering. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 26 May 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2021.

Classification: ICS 43.180, CCS R80. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Standard specifies the inspection items, inspection methods, inspection requirements, and the determination, disposal and data archiving of inspection results for safety technology inspection of motor vehicles. This Standard is applicable to the safety technology inspection of motor vehicles by institutions with inspection and testing qualifications. This Standard is also applicable to the safety technology inspection of inbound motor vehicles by institutions engaged in inspection and testing of inbound motor vehicles. Motor vehicles approved for actual road test and motor vehicles temporarily entering the country may receive the safety technology inspection in accordance with this Standard. This Standard is not applicable to the safety technology inspection of tractors traveling on roads, for example, tractor transport unit.

2 Normative References

The following documents are indispensable to the application of this document. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

GB 1589 Limits of Dimensions, Axle Load and Masses for Motor Vehicles, Trailers and Combination Vehicles

GB/T 3730.2 Road Vehicle - Masses - Vocabulary and Codes

GB 4785 Prescription for Installation of the External Lighting and Light-signaling Devices for Motor Vehicles and Their Trailers

GB 7258 Technical Specifications for Safety of Power-driven Vehicles Operating on Roads

GB 7258-2017 Technical Specifications for Safety of Power-driven Vehicles Operating on Roads

3 Terms, Definitions and Abbreviations

3.1 Terms and Definitions What is defined in GB 7258 and GA 802, and the following terms and definitions are applicable to this document.

3.1.1 Safety inspection of unregistered vehicles Safety inspection of unregistered vehicles refers to safety technology inspection on motor vehicles applying for registration.

3.1.2 Safety inspection of in-use vehicles Safety inspection of in-use vehicles refers to safety technology inspection on already registered motor vehicles.

3.1.3 Inspection of vehicle identification Inspection of vehicle identification refers to the inspection of motor vehicle characteristics, such as.

3.1.4 Inspection of parameters of vehicle characteristics Inspection of parameters of vehicle characteristics refers to the inspection of main vehicle characteristics and technical parameters, such as. overall dimensions, curb weight / net weight and approved passenger capacity, so as to confirm the conformity with technical documents, such as. national safety technical standards of motor vehicles, motor vehicle product announcements, motor vehicle exit-factory certificates and motor vehicle registration certificates, etc.

4 Inspection Items

4.1 Unregistered vehicle safety inspection items are shown in Table

1. In-use motor vehicle safety inspection items are shown in Table 2.

4.2 During the inspection of inbound motor vehicles that need to obtain a motor vehicle license plate to drive on roads. The unregistered vehicle safety inspection items specified in Table 1 shall be covered.

4.3 The safety technology inspection items of special wheeled machinery vehicles and trams shall be determined in accordance with Table 1 and Table 2.

4.4 During the unregistered vehicle safety inspection, the inspection items shall be determined in accordance with the vehicle type approved by GB 7258 and GA 802.

5.1 General Rules

5.1.1 Motor vehicles submitted for inspection shall satisfy the following basic requirements.

5.1.2 During in-use motor vehicle safety inspection, a valid compulsory traffic accident liability insurance certificate (except for trailers and the implementation of electronic insurance policies and insurance information online verification) and a registration certificate of the motor vehicles being submitted for inspection shall be provided.

5.1.3 During safety technology inspection, online query and vehicle uniqueness inspection shall be conducted first.

5.1.4 The minimum inspection time of each station of the safety technology inspection is shown in Table 3.

5.2 Corresponding Methods of Inspection Items The corresponding methods of motor vehicle safety technology inspection items are shown in Table 4.

6 Inspection Requirements

6.1 Online Query During the unregistered motor vehicle safety inspection and in-use motor

vehicle safety inspection, conduct online query amount vehicle accidents, law violations and recalls due to safety detects, etc.

6.2.2 Vehicle identification number (or complete-vehicle exit-factory number)

6.2.2.1 During unregistered motor vehicle safety inspection, the vehicle identification number (or complete-vehicle exit-factory number) of motor vehicles submitted for inspection shall satisfy.

6.2.4 Vehicle color and appearance

6.2.4.1 During unregistered motor vehicle safety inspection.

6.2.4.2 During in-use motor vehicle safety inspection,

6.3.8 Cargo compartment / tank

6.3.8.1 During unregistered motor vehicle safety inspection, cargo compartment / tank shall satisfy the following requirements.

6.4.4 Tyre

6.4.4.1 During unregistered motor vehicle safety inspection and in-use motor vehicle safety inspection, tyres shall satisfy the following requirements.

7 Determination, Disposal and Data Archiving of Inspection Results

7.1 Determination of Inspection Results The authorized signatory shall confirm the inspection results item by item and endorse the complete-vehicle inspection conclusion.

7.2.3 Disposal of abnormalities

7.3 Data Archiving The inspection institution shall keep the Motor Vehicle Safety Technology Inspection Report, Motor Vehicle Safety Technology Inspection Table (manual inspection part) (see Appendix H), Motor Vehicle Safety Technology Inspection Table (instruments and equipment inspection part) (see Appendix I), as well as the inscribed film or photo of vehicle identification number (or complete-vehicle exit-factory number) (during unregistered motor vehicle safety inspection, keep the inscribed film or

1.1 equal- scale scanning photo; during in-use motor vehicle safety inspection, keep the photo of vehicle identification number), etc.

8 Requirements for Transitional Period of Standard Implementation

The inspection requirements for the curb weight of in-use motor vehicles in