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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

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GB 30509-2014

Identification for passenger cars and their parts

车辆及部件识别标记

[Including No.1 Amendment, 2020XG1]

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Standardization Administration Committee.

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Identification for passenger cars and their parts

1 Scope

This Standard specifies the requirements for marking identification on the main parts of passenger cars.

This Standard is applicable to M1 vehicles.

The identification of other vehicle parts (or assemblies) can refer to use.

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 of the referenced document (including any amendments) applies.

GB 16735-2004, *Road vehicle - Vehicle identification number (VIN)*

GB/T 25978-2010, *Road vehicle - Plate and label*

3 Terms and definitions

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

3.1 interior surface

as far as vehicle parts are concerned, the surface that is not directly exposed to sunlight and rain

4 Identification information for identification for passenger cars and their parts

The identification information for the identification for passenger cars and their parts shall be either a) or b):

- a) vehicle identification number (VIN) in accordance with GB 16735-2004;
- b) part (or assembly) number, which shall be traceable, unique, and corresponds to the VIN of the vehicle on which the part (or assembly) is installed.

5 Number and location of identification for passenger cars and their parts

5.1 Passenger cars shall be marked on the visible parts of the baggage compartment with the identification for passenger cars and their parts in accordance with a) specified in Clause 4. Mark the identification for passenger cars and their parts in accordance with a) or b) in Clause 4 on the transmission (or drive motor).

5.2 Passenger cars shall have at least one electronic control unit (ECU) to immutably record the identification information for passenger cars and their parts in accordance with a) specified in Clause 4. The electronic control unit shall provide an effective communication interface to read the identification information for passenger cars and their parts. The design of the electronic control unit in terms of communication protocols shall comply with the requirements of the corresponding standards.

5.3 In addition to the provisions of 5.1 and 5.2, passenger cars shall also have at least 5 parts (or assemblies) marked with identification for passenger cars and their parts in accordance with a) or b) of Clause 4. The vehicle manufacturer can determine the type of part (or assembly) that needs to mark the identification for passenger cars and their parts.

5.4 Parts (or assemblies) marked with the vehicle and component identification specified in 5.3 do not include the parts (or assemblies) marked with VIN in accordance with 5.2.2, 5.2.3, and 5.2.4 of GB 16735-2004.

6 Marking method of identification for passenger cars and their parts

6.1 The identification for passenger cars and their parts specified in 5.1 shall be marked in the form of human readable codes. The identification for passenger cars and their parts specified in 5.3 shall be in the form of a manually readable code or a combination of human readable code and machine readable code.

6.2 The identification for passenger cars and their parts shall be affixed to the parts by means of labels, or may be directly engraved on the parts; or the data information conforming to the relevant standards may be stored in the electronic control unit memory in an unchangeable manner. The identification for passenger cars and their parts shall be satisfied when it is marked by labels or directly engraved:

a) When the identification for passenger cars and their parts is marked with labels, the following requirements shall be satisfied:

1) The label shall meet the requirements of 4.3.1 and 4.3.2 of GB/T 25978-2010.

GB 30509-2014 Identification for Passenger Cars and Their Parts

No.1 Amendment [2020XG1]

This amendment was approved by the State Administration for Market Regulation (Standardization Administration) on July 23, 2020. Article 1 shall be implemented from July 23, 2020; Article 2 shall be implemented from January 1, 2021.

1. The normative references with a specified date are modified into normative references without a specified date.

- 1) Clause 2

Original text:

“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 of the referenced document (including any amendments) applies.

GB 16735-2004, *Road vehicle - Vehicle identification number (VIN)*

GB/T 25978-2010, *Road vehicle - Plate and label*”

Modified into:

“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 of the referenced document (including any amendments) applies.

GB 16735, *Road vehicle - Vehicle identification number (VIN)*

GB/T 25978, *Road vehicle - Plate and label*”

- 2) Item a) in Clause 4

Original text:

“a) vehicle identification number (VIN) in accordance with GB 16735-2004;”

Modified into:

“a) vehicle identification number (VIN) in accordance with GB 16735;”

- 3) 5.4

Original text:

“5.4 Parts (or assemblies) marked with the vehicle and component identification specified in 5.3 do not include the parts (or assemblies) marked with VIN in accordance with 5.2.2, 5.2.3, and 5.2.4 of GB 16735-2004.”

Modified into:

“5.4 Parts (or assemblies) marked with the vehicle and component identification

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