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Towing devices for light-duty vehicle

轻型汽车牵引装置

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Foreword

Section 4 and 5 in this standard are mandatory and others are recommended.

This standard is prepared in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This standard is under the jurisdiction of the National Technical Committee of Auto Standardization (SAC/TC 114).

The institutions participating in the preparation of this standard include China Automotive Technology & Research Center, Lingyun Industrial Group Co., Ltd., SGWM, Pan Asia Technical Automotive Center Co., Ltd., China Anhui Jianghuai Automobile Co., Ltd., China Automotive Engineering Research Institute Co., Ltd., Volkswagen China Investment Co., Ltd., Toyota Research Center Co., Ltd., Daimler Northeast Asia Co., Ltd., and BMW China Services Ltd.

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Towing devices for light-duty vehicle

1. Scope

This standard specifies the technical requirements and test methods for towing devices of light-duty vehicles.

This standard is applicable to M category vehicles and N₁ category vehicles with the maximum allowable mass not greater than 3500kg.

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/T 3730.2 Road vehicle--Masses--Vocabulary and codes

GB/T 15089 Classification of power-driven vehicle and trailers

3. Terms and definitions

For the purpose of this standard, the terms and definitions as defined in GB/T 15089 and GB/T 3730.2 and the following terms and definitions apply.

3.1

towing device

Means the part fixed or mounted in the vehicle which is connected through rope, or cable or rod to realize the vehicle's towing or being towed

3.2

towing device anchorage

Means the part in the vehicle connected with the towing device

4. Technical requirements

4.1 General requirements

4.1.1 Vehicle shall be fixed with or mounted with at least one towing device at the front part.

4.1.2 If the towing device is mounted at the rear part, the towing device shall satisfy the technical requirements as stipulated in this standard.

4.1.3 The peripheral lines of the towing device shall not exceed the vertical projected area of the external outline of vehicle on the horizontal plane unless for the vehicle in the



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