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

GB/T 28948-2012

Commercial vehicle -- Front towing attachments

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Foreword

This standard was drafted according to GB/T 1.1-2009 given rules.

This standard uses the redrafted law, with reference to ISO 8035.1991 Commercial road vehicles and passenger front-end "mass exceeding 3.5t traction

Content means "the non-equivalent.

This standard by the National Automotive Standardization Technical Committee (SAC/TC114) centralized.

This standard was drafted. China Automotive Technology and Research Center, Anhui Jianghuai Automobile Co., Ltd., Beiqi Foton Motor Company Limited

Division, Hanyang Special Purpose Vehicle Research Institute.

1 Scope

This standard specifies performance requirements for traction connecting device is installed in the commercial vehicle front end.

This standard applies to the total mass of more than 3.5t maximum design of passenger cars, trucks and tractor-trailer.

This standard does not apply to special operations vehicles.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3730.1-2001 car and trailer types of terms and definitions (ISO 3833.1999, MOD)

GB/T 3730.2-1996 road vehicle mass Vocabulary and codes (idt ISO 1176.1990)

GB/T 4781 Road vehicles - 50 mm drawbar ring hanging interchangeability (GB/T 4781-2006, ISO 1102.2001, IDT)

ISO 5422. 1982 Road vehicles towing ropes, cables or rods fixed point
(Roadvehicle-Anchoragefor
towingropes, cablesorbars)

3 Terms and Definitions

GB/T 3730.1-2001 and GB/T 3730.2-1996, ISO 5422 Definition of terms and definitions apply to this document.

4 General requirements

4.1 maximum design total mass of more than 3.5t of passenger cars, trucks and tractor-trailer towing or other should be able to ensure that the design and construction Vehicle traction.

4.2 traction device can be used ropes, cables, or one rod, and does not require special tools and accessories.

4.3 traction device structure and shape is determined by the vehicle manufacturer, but performance should meet the requirements of this standard.

4.4 traction device should be installed in front of the vehicle, the vehicle must not exceed the contours (body plus bumper) in the horizontal plane of projection, is led by
Except when cited state.

4.5 All removable parts should be reliable traction device to prevent failure.

4.6 and the tractor hitch between the tractor (rope or drawbar) ends allow horizontal +/- 50 °, +/- 6 ° vertical displacement.

4.8 traction process, ropes, cables or rod can not be loose.

4.9 For drawbar hitch, its appearance should be consistent with GB/T 4781 regulations

(limited plug connecting device).

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