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

**中华人民共和国国家标准**

**GB/T 15082-2008**

**Replace GB 15082-1999**

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**Speed meters for motor vehicle**

**汽车用车速表**

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China**

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## Foreword

**All the technical contents of this standard are compulsory.**

This standard is revised with reference to regulations of United Nations Economic Commission of Europe ECE R39 - 2003 *Uniform Provisions Concerning the Approval of Vehicles with Regard to the Speedometer Equipment including its Installation* (English version).

This standard replaces GB 15082 - 1999, *Motor vehicles - Speed meters*.

The following main changes have been made with respect to GB 15082 - 1999:

- modification of contents of the general requirements (subclause 3.3 of 1999 edition as well as subclauses 3.3 and 3.4 of this edition);
- modification of relationship of intrinsic error (clause 4 of 1999 edition, clause 4 of this edition).

This standard was proposed by the National Development and Reform Commission.

This standard is under the jurisdiction of National Technical Committee on Auto Standardization Administration of China.

The responsible drafting organizations of this standard include Anhui Jinhaida Automobile Electronics Co., Ltd., Wufu Automobile Instruments Institution and Hefei Hightech Automobile Electronics Co., Ltd.

The chief drafting staff of this standard includes Chen Jianhai, Qian Xiaoxia, Xia Linping and Zhong Guozhu.

This standard replaces the following historical editions issued:

- GB 15082 - 1994 and GB 15082 - 1999.

# Speed meters for motor vehicle

## 1 Scope

This standard specifies the general requirements, indicative error and test specifications of the speed meters for motor vehicle under installed conditions.

This standard applies to the speed meters for motor vehicles of Categories M and N.

## 2 Normative references

The following standards contain provisions which, through reference in this standard, constitute provisions of this part of this standard. For dated references, subsequent amendments to, or revisions of, any of these publications, not including contents of corrigendum, do not apply. However, all the parties to the agreement reached as per this part of this standard are encouraged to research whether the latest edition of these documents may be available.

GB / T 12534, Motor vehicles — General rules of road test method

## 3 General requirements

3.1 The display of the speedometer shall be located within the direct field of view of the driver and must be clearly legible both day and night.

3.2 The range of speeds displayed shall be able to be sufficiently wide to include the maximum speed of this type of vehicle as stated by the manufacturer.

3.3 The speedometer shall be expressed in km/h, at 20 km/h and above but not exceeding the upper limit. The graduation shall be 1, 2, 5 or 10 km/h. The numerical values of the speed shall be indicated on the display as follows:

- When the highest value on the display does not exceed 200 km/h, speed values shall be indicated at intervals not exceeding 20 km/h.
- When the maximum value on the display exceeds 200 km/h, then the speed values shall be indicated at intervals not exceeding 30 km/h.

3.4 The indicated numerical speed value intervals need not be uniform.

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