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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 15704–2012/ISO 7141: 2005

Replace GB/T 15704–1995

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**Road vehicles—Light alloy wheels—Impact test  
procedure**

**道路车辆 轻合金车轮 冲击试验方法**

(ISO 7141: 2005, Road vehicles—Light alloy wheels—Impact test, IDT)

**Issued on December 31, 2012**

**Implemented on July 01, 2013**

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**Issued by General Administration of Quality Supervision, Inspection  
and Quarantine of the People's Republic of China**

**Standardization Administration of the People's Republic of  
China**

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## Foreword

This standard is prepared according to the rules specified in GB/T 1.1-2009.

This standard will replace GB/T 15704-1995 *Passenger cars — Wheels — Impact test procedure*.

Comparison with GB/T 15704-1995, main changes of this standard are as follows:

- Changed the standard title from *Passenger cars — Wheels — Impact test procedure* to *Road vehicles—Light alloy wheels—Impact test procedure*.
- Deleted the description on steel wheel can also refer to this standard (see Clause 1 of 1995, Clause 1 in this standard);
- Deleted terms and definitions (see Clause 3 of 1995);
- Added mass for calibration (see sub-clause 3 of 1995);
- Calibration of test equipment listed as a individual clause (see Clause 4 of this standard);
- Changed the test environment temperature at 10°C to 30°C (see Clause 5 of 1995, 5.1 in this standard);
- Raised a recommendatory specification for striker structural, chamfer, natural rubber joint sheets and tyre pressure, etc. (see Clause 3 and 5 in this standard);
- Added informative annex A, supplemented a description on calibration of equipment.

This standard is identical with ISO 7141: 2005 *Road vehicles — Light alloy wheels — Impact test* (English version).

The normative references corresponding national standards in this standard are as follows:

- GB/T 2933 *Wheels and rims for pneumatic tyres—Vocabulary, designation and marking* (GB/T 2933-2009, ISO 3911: 2004, IDT).

Following editing changes in this standard have been made:

- Changed the standard title from *Road vehicles—Light alloy wheels—Impact test to Passenger cars—Wheels—Impact test procedure* to *Road vehicles—Light alloy wheels—Impact test procedure*.
- Changed the “this International Standard” as “this Standard”.
- Deleted FOREWORD of International Standard;
- Raised a recommendatory specification for striker structural, chamfer, natural rubber joint sheets and tyre pressure, etc.
- Added informative annex A and supplemented a description on calibration of equipment.

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

This Standard is under the jurisdiction of National Technical Committee (SAC/TC 114) on Road Vehicles of Standardization Administration of China.

The responsible drafting organization is CiTiC Dicastal Wheel Manufacturing Co., Ltd.

The chief drafting staff of this standard includes Yin Zhigao, Liu Chunhai and Li Shide.

This standard replaces the following historical editions issued:

- GB/T 15704-1995.

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