

ICS 01.040; 43.060.20; 43.060.30; 43.060.40
CCS T 13



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

GB/T 28950.2-2012

**Road vehicles and internal combustion engines -- Filter
vocabulary -- Part 2: Definitions of characteristics of filters and
their components**

道路车辆和内燃机 滤清器名词术语 第2部分：滤清器及其部件性能指标定义
(English Translation)

Issued on: December 31, 2012

Implemented on: July 1, 2013

Issued by: Standardization Administration of China

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Foreword

GB/T 28950 "Road vehicles and internal combustion engines cleaner terminology" is divided into two parts.

--- Part 1. definitions of filters and filter components;

--- Part 2. Filters and components defined performance indicators.

This is Part 2 GB/T 28950 of.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with the international standard ISO 11841-2:2000 "Road vehicles and internal combustion engines cleaner terminology Part 2. Filters and components defined performance indicators "(in English).

This part made the following editorial changes.

--- Original International Standard. 3 filters and their components performance classification, 4 filters and component performance is defined by the terms of the formula chart to Syria Said; wherein "unit" normative specification into a separate list in Appendix A, said, "Remarks" column to "comment" column.

This part is proposed by the National Development and Reform Commission.

This part of the National Automotive Standardization Technical Committee (SAC/TC114) centralized.

This section is drafted. Bengbu Jinwei Filters Co., Ltd., Guangzhou Jia-Bin Industrial Co.,

Ltd., Beijing's first automotive filter manufacturing Billiton have Limited. Zibo Yonghua Filters Manufacturing Co., Ltd., China FAW Group Corporation Technology Center, Zhejiang Heng Bo Auto Parts Co., the company.

1 Scope

This section GB/T 28950 regulations for road vehicles and general-purpose internal combustion engine (such as stationary power and marine power) Filters its members define performance indicators, terminology and classification.

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 14041.1-2007 determine the hydraulic filter and verify the structural integrity of the initial bubble point (ISO 2942:2004, IDT) GB/T 28949-2012 internal combustion engine and the air compressor intake air filter performance test (ISO 5011:2000, IDT)

3 Performance classification of filters and filter components

Performance of filters and filter elements are divided into five categories.

3.1 Dimensions

--- Filter area.

The total filter area.

--- Filter volume.

3.2 Temperature

Operating temperature range.

3.3 Pressure

--- Nominal pressure.

--- Working pressure range.

---test pressure.

--- Opening pressure.

--- Closing pressure.

---resistance.

a) pressure drop.

b) pressure difference.

1) Original pressure difference;

2) the end of the pressure difference.

---Pressure loss.

--- Burst pressure.

--- Cartridge bursting pressure.