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

GB/T 6809.2-2013

Replacing GB/T 6809.2-2006

**Reciprocating internal combustion engines -- Vocabulary of
components and systems -- Part 2: Valves, camshaft drives and
actuating mechanisms**

往复式内燃机 零部件和系统术语 第2部分：气门、凸轮轴传动和驱动机构
(English Translation)

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Foreword

GB/T 6809 "Reciprocating internal combustion engine components and systems" is divided into nine sections.

- Part 1. Structure and external covers;
- Part 2. Valves, camshaft drive and actuating mechanisms;
- Part 3. The main moving parts;
- Part 4. Pressure charging and exhaust systems;
- Part 5. Cooling system;
- Part 6. Lubricating systems;
- Part 7. Governing systems;
- Part 8. Starting systems;
- Part 9. monitoring system.

This is Part 2 GB/T 6809's.

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

This Part replaces GB/T 6809.2-2006 "Reciprocating internal combustion engine components and systems - Part 2. Valves, camshaft drive and a drive mechanism ", compared with the GB/T 6809.2-2006 main technical changes are as follows.

- As with ISO 7967-3:2010 consistent with the criteria listed in the normative references documents incorporated by reference (see reference, Chapter 2 2006 edition);
- Modify some of the terms and definitions (see Chapter 2, Chapter 3, 2006 edition, Chapter 4, Section 5, Chapter 6 and Chapter 7);
- A complete re-edit the text (see Chapter 2, Chapter 3, 2006 edition, Chapter 4, Chapter

5, Chapter 6 and Chapter 7).

This section uses the translation method identical with ISO 7967-3:2010 "Reciprocating internal combustion engine components and systems - Vocabulary - Part 3. Gas Door, camshaft drive and actuating mechanisms "(in English).

This part is proposed by China Machinery Industry Federation.

This part of the internal combustion engine by the National Standardization Technical Committee (SAC/TC177) centralized.

This section is drafted. Weichai Power Co., Ltd., Shanghai Internal Combustion Engine Research Institute, Zhejiang Chai Pump Co., Ltd., Zhejiang-too steam Car Parts Manufacturing Co., Huaiji Dengyun Auto Parts Co., Ltd., Anhui Jin Qinglong Machinery Manufacturing Co., Ltd., Jiangsu often have moving mechanical Ltd., Changzhou Diesel Engine Co., Ltd. Chang Hao hair.

1 Scope

GB/T 6809 This section specifies the terms and reciprocating engine valves, camshaft drive and actuating mechanisms related.

GB/T 1883.1 provides a reciprocating internal combustion engine and the classification provisions of the basic terms that the internal combustion engine and its operating characteristics.

2.1 Camshaft

No. Definition Legend 2.1.1 Camshaft for controlling an internal combustion engine working cycle of each Kinds of action (such as opening and closing the valve timing, fuel injection or ignition), and the cam shaft with.

2.1.2

Overall camshaft

one-piececamshaft

The cam and cam shaft integrally formed.

2.1.3

Combined Camshaft

assembledcamshaft

The flange assembly in each cam shaft Camshaft.

2.1.4

Cam

cam

For driving the fuel injection pump or valve Components.

2.2 Camshaft drive mechanism

No. Definition Legend 2.2.1 Camshaft drive mechanism camshaftdrive for rotating cam mechanism.

2.2.2

gear drive

geardrive

By the crankshaft through a series of gears and the implementation of to camshaft drive.