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

GB/T 6809.10-2018

**Reciprocating internal combustion engines -- Vocabulary of
components and systems -- Part 10: Ignition systems**

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Foreword

GB/T 6809 "Reciprocating internal combustion engine parts and systems terminology" consists of the following parts.

- Part 1. Fixings and external covers;
- Part 2. Valves, camshaft drives and drive mechanisms;
- Part 3. Main moving parts;
- Part 4. Supercharged and intake and exhaust pipe systems;
- Part 5. Cooling system;
- Part 6. Lubrication system;
- Part 7. Regulation system;
- Part 8. Starting system;
- Part 9. Monitoring system;
- Part 10. Ignition system;
- Part 11. Fuel system;
- Part 12. Emission control system.

This part is the 10th part of GB/T 6809.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the translation method equivalent to ISO 7967-10:2014 "Reciprocating internal combustion engine parts and systems terminology part 10.

Ignition system".

This section has made the following editorial changes.

- Added index.

This part was proposed by the China Machinery Industry Federation.

This part is under the jurisdiction of the National Internal Combustion Engine Standardization Technical Committee (SAC/TC177).

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1 Scope

This part of GB/T 6809 defines terms relating to the ignition system of reciprocating internal combustion engines.

ISO 2710-1 gives a classification of reciprocating internal combustion engines and defines the basic terms and definitions of these internal combustion engines and their characteristics.

In this section, the terms are classified as follows.

- a) type of ignition system;
- b) traditional ignition system;
- c) electronic ignition system;
- d) computer controlled ignition system;
- e) Ignition system parameters.

2 Terms and definitions

The following terms and definitions apply to this document.

2.1 Ignition system type

2.1.1

Ignition system ignitionsystem

An ignition system for igniting a fuel-air mixture within a cylinder.

2.1.2

Battery coil ignition system batterycoilignitionsystem

Ignition system with battery and ignition coil (2.1.1).

Note. See Figure 1.

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