

ICS 27.020

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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 25362-2010

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**Electromechanical solenoid fuel injector  
assemblies of gasoline engines-Technical  
requirements**

**汽油机电磁阀式喷油器总成 技术条件**

**Issued on November 10, 2010**

**Implemented on March 01, 2011**

**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**

## **Contents**

<b>Foreword .....</b>	<b>3</b>
<b>1 Scope .....</b>	<b>4</b>
<b>2 Normative references .....</b>	<b>4</b>
<b>3 Terms and definitions .....</b>	<b>5</b>
<b>4 Technical requirements .....</b>	<b>6</b>
<b>5 Inspection rules.....</b>	<b>10</b>
<b>6 Labeling, packaging, transportation and storage .....</b>	<b>11</b>

## **Foreword**

This standard is proposed by China Machinery Industry Federation.

This standard is under the jurisdiction of National Technical Committee on Internal Combustion Engine of Standardization Administration of China (SAC/TC 177).

Drafting units of this standard: Tianjin Internal Combustion Engine Research Institute, Liuzhou Yuanchuang EFI Technology Co., Ltd., and Shanghai Internal Combustion Engine Research Institute

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# **Electromechanical Solenoid Fuel Injector Assemblies of Gasoline Engines – Technical Requirements**

## **1 Scope**

This standard specifies the terms and definitions, technical requirements, inspection rules, labeling, packaging, transportation and storage of electromechanical solenoid fuel injector (hereinafter referred as fuel injector).

This standard is applicable to fuel injectors with fuel injection pressure between 150 kPa ~ 450 kPa.

## **2 Normative references**

The articles contained in the following documents have become this document when they are quoted herein. For the dated documents so quoted, all subsequent modifications (Including all corrections) or revisions made thereafter do not apply to this standard. However, the parties that reach an agreement according to this standard are encouraged to study whether the latest versions of these documents may be used. For the undated documents so quoted, the latest versions (including all modification sheets) apply to this document.

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection (GB/T 2828.1-2003, ISO 2859-1:1999, IDT)

GB/T 2829 Sampling procedures and tables for periodic inspection by attributes (Apply to inspection of process stability)

GB/T 10125 Corrosion tests in artificial atmospheres - Salt spray tests (GB/T 10125--1997, eqv ISO 9227:1990)

GB/T 13384 General specifications for packagings of mechanical and electrical product

GB/T 14986 High saturation magnetic induction, magnetic compensate alloys depending on temperature variation, corrosion-resisting, iron-aluminium, Permanent permeability, soft magnetic alloys

GB 17930 Gasoline for motor vehicles

GB 18351 Ethanol gasoline for motor vehicles

GB 18655-2002 Limits and methods of measurement of radio disturbance characteristics



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