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**AUTOMOTIVE INDUSTRY STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA**

ICS 43.040

CCS T 31

QC/T 346-2023

Replacing QC/T 346-1999

Plastic Plug

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Foreword

This Document was drafted as per the rules specified in GB/T 1.1-2020 *Directives for Standardization – Part 1: Rules for the Structure and Drafting of Standardizing Documents*.

This Document replaced QC/T 346-1999. Compared with QC/T 346-1999, the major technical changes of this Document are as follows:

- Add requirements for ethylene-based materials and their temperature resistance (see Table 3 of this Edition);
- Add general requirements for dimensional tolerance (see Table 3 of this Edition).

This Document was proposed by and under the jurisdiction of National Technical Committee of Auto Standardization (SAC/TC 114).

Drafting organizations of this Document: China First Automobile Group Co., Ltd.; China National Heavy Duty Truck Group Co., Ltd.; FAW Jiefang Automotive Company; Anhui Jianghuai Automobile Group Corp., Ltd.; Sichuan Aerospace Shiyuan Auto Parts Co., Ltd.; and Beijing Automotive Technology Center.

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The historical editions replaced by this Document are as follows:

- ZB/T 31023-1987;
- QC/T 346-1999;
- It is second-time revised hereby.

Plastic Plug

1 Scope

This Document specifies the type, size, technical requirements and product number of plastic plug.

This Document is applicable to the dust-proof and rust-proof sealing of assembly ports and pipeline ports during the transportation and storage of automotive parts; and other process plug can be used for reference.

2 Normative References

The provisions in following documents become the essential provisions of this Document through reference in this Document. For the dated documents, only the versions with the dates indicated are applicable to this Document; for the undated documents, only the latest version (including all the amendments) is applicable to this Document.

GB/T 90.1 Fasteners – Acceptance inspection

GB/T 90.2 Fasteners – Marking and packaging

QC/T 326 Coding rules for automotive standardized parts

QC/T 29017 Automotive molded plastic parts without individual tolerance limit the size of the deviation

3 Terms and Definitions

For the purposes of this Document, no terms and definitions are necessary to be given.

4 Type and Size

The type and size of Type-A plastic plug are shown in Figure 1 and Table 1. The type and size of Type-B plastic plug are shown in Figure 2 and Table 2.

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