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AUTOMOTIVE INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

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QC/T 343-2023

Replacing QC/T 343-1999

Protective Cap for Nut

螺母保护帽

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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 343-1999 *Protective Cap for Nut*. Compared with QC/T 343-1999, the major technical changes of this Document are as follows:

- Add insertion force and extraction force values (see Table 2 of this Edition);
- Add general tolerance provisions (see Table 3 of this Edition);
- Add requirements for prohibited substances of automotive (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: BAIC Group Off-Road Vehicle Co., Ltd.; Shanghai Emhart Fastening System Co., Ltd.; Faw Jiefang Automotive Company; China FAW Co., Ltd. R&D Institute; and Beijing Automotive Research Institute Co., Ltd.

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The historical editions replaced by this Document are as follows:

- QC/T 343-1999;
- It is first-time revised hereby.

Protective Cap for Nut

1 Scope

This Document specifies the type and size, performance requirements, technical conditions and product number of protective cap for nut.

This Document applies to protective cap for Type I hexagonal nut.

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

GB/T 30512 Requirements for Prohibited Substances on Automobiles

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 model and size of protective cap for nut are as required in Figure 1 and Table 1.

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