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

GB/T 44728-2024

**Technical specification for the traceability management of
reused parts from end-of-life vehicles**

报废机动车回用件溯源管理技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Commerce of the People's Republic of China. This document was drafted by: China Material Recycling Association, Wuxi Suguang Auto Parts Technology Co., Ltd., Wuhan University of Technology, Wuxi Xinsanzhou Renewable Resources Co., Ltd., China Railway Materials General Resources Technology Co., Ltd., Jiangsu Fenghuo Digital Technology Co., Ltd., Hubei Longzhong Laboratory, Yunnan Ning MAO ENVIRONMENTAL TECHNOLOGY CO., LTD. The main drafters of this document are: Xu Junxiang, Cui Yan, Qin Xunpeng, Jiang Jianjun, Yu Keli, Luo Yan, Wang Zihua, Hu Pei, Wu Qiang, Wu Mengwu, Ya Mazhong, Huang Bin, Yan Peige, Hu Zeqi, Wang Bing, Jin Jing, Liu Kexin, and Liu He. Technical Specifications for Traceability Management of Recycled Parts of Scrapped Motor Vehicles

1 Scope

GB/T 44728-2024 sets the technical specification for tracing reused parts taken from end-of-life vehicles. China legalised the resale of recovered vehicle parts, which created a large market and an obvious risk at the same time: a used steering knuckle or airbag with

no history is a safety problem, and without traceability the legitimate trade cannot be distinguished from the trade in stolen or unsafe parts. This standard is the answer. It sets the scope of the parts covered and their classification, the identification scheme and the coding of an individual part, the information that has to be recorded at each stage, the donor vehicle and its identity, the dismantling, the inspection and grading of the part, the storage, the sale and the fitting, the requirements on the traceability platform and on the data exchanged with it, the marking and labelling of the part itself, the retention periods, and the verification and audit of the records. For a dismantler, a parts trader, a repairer or an insurer in China, this is the framework the trade is regulated under.

This document specifies the overall requirements, traceability process, traceability information, traceability information providers, traceability information The platform, traceability code encoding rules and traceability code identification requirements describe the corresponding verification methods. This document applies to the collection, use and management of traceability information of recycled parts from scrapped motor vehicles.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 18284 Quick Response Matrix Code

GB/T 21049 Chinese Xin Code

GB 22128 Technical Specifications for the Recycling and Dismantling of End-of-Life Motor Vehicles

GB/T 23704 Inspection of printing quality of two-dimensional bar code symbols

GB/T 26989 Terminology for Automobile Recycling SB/T 11237 Identification and classification of recycled parts from scrapped motor vehicles

3 Terms and Definitions

The terms and definitions defined in GB 22128, GB/T 26989 and the following apply to this document.

3.1 reusedparts Reusable parts removed from scrapped motor vehicles. [Source: GB 22128-2019, March 11]

3.2 An organization engaged in the sales and after-sales service of recycled parts and having the technical service capabilities such as secondary disassembly, cleaning, and

testing.

3.3 traceability unit Individual reused items that require information about their history, application, or location to be recorded, identified, and traceable.

3.4 traceability code A code that uniquely identifies the traceability unit by a scrapped motor vehicle recycling and dismantling enterprise or a recycled parts service enterprise.

4 General Requirements

4.1 The traceability information of recycled parts shall be accurate, reliable, publicly available and measurable.