



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

GB/T 34590.8-2022

**Road vehicles - Functional safety - Part 8: Supporting
processes**

Issued on: December 30, 2022

Implemented on: July 1, 2023

Issued by: SAMR; SAC

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Foreword

This document was drafted in accordance with the rules provided in GB/T 1.1-2020 Directives

for Standardization - Part 1.Rules for the Structure and Drafting of Standardizing Documents.

This document is Part 8 of GB/T 34590 Road Vehicles - Functional Safety. GB/T 34590 has issued the following parts.

- Part 1.Vocabulary;
- Part 2.Management of Functional Safety;
- Part 3.Concept Phase;
- Part 4.Product Development at the System Level;

- Part 5.Product Development at the Hardware Level;
- Part 6.Product Development at the Software Level;
- Part 7.Production, Operation, Service and Decommissioning;
- Part 8.Supporting Processes;
- Part 9.Automotive Safety Integrity Level (ASIL)-oriented and Safety-oriented Analyses;
- Part 10.Guideline;
- Part 11.Guidelines on Applications to Semiconductors;
- Part 12.Adaptation for Motorcycles.

This document serves as a replacement of GB/T 34590.8-2017 Road vehicles - Functional safety - Part 8.Supporting processes. In comparison with GB/T 34590.8-2017, apart from structural adjustments and editorial modifications, the main technical changes are as follows.

- Change the scope of application from "series production passenger cars" to "series production road vehicles, excluding mopeds" (see Clause 1; Clause 1 of the 2017 edition);
- Add adaptation for motorcycles (see 4.5);
- Add adaptation for trucks, buses, trailers and semi-trailers (see 4.6);
- Change the objectives of interfaces within distributed developments (see 5.1; 5.1 of the

2017 edition);

- Change the scope of non-application for distributed developments (see 5.4.1; 5.4.1 of the 2017 edition);
- Change the contents included in RFQ (see 5.4.2.2; 5.4.2.2 of the 2017 edition);
- Change the contents included in Development Interface Agreement (see 5.4.3.1; 5.4.3.1 of the 2017 edition);
- Change the segregation of duties between the customer and the supplier, and the specific requirements during execution of distributed development; add responsibilities to be borne by the customer (see 5.4.4; 5.4.4 of the 2017 edition);
- Change the specification of safety requirements, and add a footnote to Table 1 (see 6.4.1;