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**Performance Requirements and Testing Methods for  
Rear Cross Traffic Alert System of Passenger Cars**  
**乘用车后方交通穿行提示系统性能要求及试验方法**

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# Performance Requirements and Testing Methods for Rear Cross Traffic Alert System of Passenger Cars

## 1 SCOPE

This document specifies the performance requirements for rear cross traffic alert system of passenger cars and describes the corresponding testing methods.

This document is applicable to the Category M<sub>1</sub> vehicles equipped with the rear cross traffic alert system.

Note: To avoid any confusion, the rear cross traffic alert system in this document is abbreviated as "RCTA system".

## 2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB 34660 Road vehicles—Requirements and test methods of electromagnetic compatibility

GB/T 39263 Road vehicles—Advanced driver assistance systems—Terms and definitions

## 3 TERMS AND DEFINITIONS

For the purposes of this document, the terms and definitions given in GB/T 39263 and the following apply.

### 3.1 rear cross traffic alert system

A system which monitors the other road users approaching transversely at the rear of the vehicle in real time and gives alarm information when any potential collision hazard may occur, when the vehicle is reversing

### 3.2 subject vehicle

Vehicle under test equipped with the RCTA system and test equipment



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