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Test Methods of Hydraulic Braking Systems for
Motor Vehicles

汽车液压制动系统试验方法

(English Translation)

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Test Methods of Hydraulic Braking Systems for Motor Vehicles

1 SCOPE

This document specifies the test conditions and test methods of hydraulic braking systems for motor vehicles.

This document is applicable to Categories M and N vehicles using a hydraulic braking system specified in GB/T 15089.

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/T 5620	Road vehicles—Vocabulary and definition for braking of automotive vehicles and their trailers
GB/T 8170	Rules of rounding off for numerical values & expression and judgement of limiting values
GB 12676	Technical requirements and testing methods for commercial vehicle and trailer braking systems
GB/T 15089	Classification of power-driven vehicles and trailers
GB 21670	Technical requirements and testing methods for passenger car braking systems

3 TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions established in GB 12676, GB 21670, GB/T 5620 and GB/T 15089 apply.

4 TEST CONDITIONS

4.1 Road Conditions

4.1.1 Road surface

The test road surface shall be a straight, flat, and hard-surfaced road of asphalt, concrete, or other surface with an equivalent coefficient of adhesion, and the road surface shall be kept dry for those tests requiring high adhesion. The coefficient of adhesion should be about 0.8 for high-adhesion road surface and shall be not more than 0.3 for low-adhesion road surface.



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