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Intelligent transport systems — Lane keeping assistance systems (LKAS) — Performance requirements and test procedures

*Systèmes intelligents de transport — Systèmes d'aide au suivi de voie
— Exigences de performance et modes opératoires d'essai*



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Foreword

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The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

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Introduction

The main system function of a Lane Keeping Assistance System (LKAS) is to support the driver in keeping the vehicle within the current lane. LKAS acquires information on the position of the vehicle within the lane and, when required, sends commands to actuators to influence the lateral movement of the vehicle. LKAS provides status information to the driver.

Issues such as specific requirements for the detection sensor function and its performance, or the communication links for co-operative solutions, will not be considered here.