Technical Specification

ISO/TS 19206-9

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Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions —

Part 9: Requirements for small child targets

Véhicules routiers — Dispositifs d'essai pour véhicules cibles, usagers de la route vulnérables et autres objets, pour l'évaluation de fonctions de sécurité active —

Partie 9: Exigences pour cibles de petits enfants

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 33, *Vehicle dynamics, chassis components and driving automation systems testing.*

A list of all parts in the ISO 19206 series can be found on the ISO website.

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Introduction

Advanced driver assistance systems (ADAS) and active safety systems are designed to support decision-making for the driver, extend the driver's awareness of the traffic situation with advanced warnings, improve the behaviour of the vehicle, and even take over vehicle control in an emergency situation. The goal is to completely avoid an accident or at least reduce the severity of an accident.

The ISO 19206 series addresses the specification of test target objects for traffic scenarios representing vehicles, vulnerable road users and other objects in the path of the subject vehicle. This document addresses the specification of test targets for small children as a supplement to ISO 19206-2, where targets for an adult and a seven-year-old child are specified.

Small child test targets (SCT) represent two different sizes for testing of different functions to evaluate their performance. Current test procedures only address stationary SCT, and consequently this document only addresses the stationary SCT without movement by a target carrier.

The SCT described in this document series can be used for system development or applied in conjunction with existing standards, or standards under development, for assessment of active safety systems and automated driving systems (ADS).

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