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BSI Standards Publication

Impact test procedures for road vehicles — Rear seat positioning procedures for Hybrid III 5th percentile female dummy



National foreword

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Impact test procedures for road vehicles — Rear seat positioning procedures for Hybrid III 5th percentile female dummy

Procédures de chocs pour les véhicules routiers - Procédures d'installation et de positionnement en places arrières des mannequins Hybrid III 5ème percentile femme



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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

ISO/TR 17950 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 36, *Safety and impact testing*.

Impact test procedures for road vehicles — Rear seat positioning procedures for Hybrid III 5th percentile female dummy

1 Scope

This document specifies the conditions for the recommended placement of the Hybrid III 5th percentile female frontal impact dummy (HIII5F) when used in forward-facing outboard 2nd row rear seating positions of passenger cars (M Category) for frontal impact testing. For example:

- Frontal Impact 0° and Pole (ISO 3560)
- Frontal Impact Offset Deformable Barrier (ISO 15828)

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- —ISO Online browsing platform: available at http://www.iso.org/obp

2.1

H points of Hybrid III 5th percentile female dummies for rear seat position design H point

locations of the Hybrid III 5th dummy H point on a seat adjusted to the manufacturer's specification for a 5% female

Note 1 to entry: The H point is the point of the H joint.

Note 2 to entry: The design H-point is defined as the H-point of SAE J826 device corrected in accordance with 6.2.2.

2.2

Seat Reference Point

marked point at the side of the seat near the H-point

4 Symbols and abbreviated terms

- X forward direction of the vehicle
- Z downward direction of the vehicle
- SRP Seat Reference Point