



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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REPORT

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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 femelle*



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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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 percentile female 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 |