

List of test procedures\*1 for flexibility according to category B\*2 of the accreditation area of Adient Engineering and IP GmbH, Product Validation Burscheid D-PL-11041-01-01.

**1 Static and dynamic investigations of passive vehicle safety on seats and their restraint as well as interior components; dynamic crash simulation and head impact tests; static safety tests on seats, head restraint, anchorages of safety belts and Isofix; H-point, head distance determination (HRMD) and determination of head restraint geometry.**

Regulation	Rev.	Title	Verified since
CMVSS 202a	2016	Backset Retention, Displacement, and Strength	15.03.2017
C-NCAP	2018	Low speed Whiplash	14.10.2019
C-NCAP	2018	Backset measurement for dynamic test	28.04.2020
C-NCAP	2021	Low speed Whiplash	11.10.2021
C-NCAP	2021	Backset measurement for dynamic test	22.09.2021
Euro NCAP	2023	Low speed Whiplash	20.07.2023
Euro NCAP	2023	H-Point and torso angle measurements	18.10.2023
GB 11550-2009 §5.1	2009	H-Point and torso angle measurements	08.05.2014
GB 15083-2006 §5.4	2006	Test of the performance of the head restraint	14.01.2014

<b>Regulation</b>	<b>Rev.</b>	<b>Title</b>	<b>Verified since</b>
GB 15083-2019 §5.3	2019	Rwd and Fwd Test of strength of the seat anchorage and the adjustment, locking and replacement folding syst.	02.03.2021
GB 15083-2019 §5.4	2019	Test of the performance of the head restraint	05.02.2021
GB 15083-2019 §5.5, §5.6, §5.7	2019	Determination of the headrest geometry / height / width / gaps "a" /	25.04.2021
GB 15083-2019 §5.8	2019	Energy dissipation from rear on the seat-back and head restraint	25.02.2021
GB 15083-2019 ANNEX B.2.1	2019	Seat backrest test (luggage)	02.03.2021
GB 27887-2011 §5.1.4	2012	Dynamic Test IBC	23.11.2021
GTR 7	2018	Headrest strength	20.05.2019
GTR 7	2018	Backset measurement & HR geometry	14.11.2019
IIHS - Medium Puls	2020	Low speed Whiplash	18.11.2020
USNCAP	2016	Frontal Impact laden	17.06.2016
<b>UN-R 17</b>	<b>2021</b>	<b>Headrest strength and H-Point and torso angle measurements</b>	<b>21.10.2021</b>
VDA	2012	Luggage retention test	25.03.2013

## 2 Testing of crash test dummies (ATD) for dynamic testing for passive vehicle safety

Regulation	Rev.	Title	Verified since
Non			

## 3 Pulsating and alternating load tests; vibration durability tests and determination of physical dimensions on vehicle interiors, automotive seats and their components and on technical components; robot Ingress-Egress tests; resonance frequency and seat pressure distribution measurements on automotive seats; acoustic measurements on vehicle Interior components

Regulation	Rev.	Title	Verified since
Non			

## 5 H-Punkt Dummy & HRMD inspection (Head Restraint Measurement Device)

Regulation	Rev.	Title	Verified since
VDA 304	2010	Inspection Protocol	30.09.2022

\*<sup>1</sup> Established technical procedure for carrying out a test based on a measurement principle

\*<sup>2</sup> Category B for the free selection of standardized or equivalent test procedures within a defined test