



ASEAN
NCAP

**NEW CAR ASSESSMENT PROGRAM
FOR SOUTHEAST ASIAN COUNTRIES**

TECHNICAL BULLETIN

CHILD RESTRAINT SYSTEMS FOR INSTALLATION ASSESSMENT

Version 1.0
05 November 2025

ATB 002

DISCLAIMER

None of the materials provided in this report may be used, reproduced or transmitted, in any form or by any means, electronic or mechanical, including recording or the use of any information storage and retrieval system, without written permission from ASEAN NCAP. Any conclusion and opinions in this report may be subject to re-evaluation in the event of any forthcoming additional information or investigations.

Title	Child Restraint Systems for Installation Assessment
Version	1.0
Document Number	ATB002
Author	Noor Faradila Paiman
Date	05 November 2025
Related Documents	Assessment Protocol - Child Occupant Protection
Status	Information
Application Date	Immediate

Child Restraint Systems (CRS) for Installation Assessment

1. Introduction

ASEAN NCAP has been utilizing a selected list of Child Restraint Systems (CRS) for several years to assess vehicles' ability to safely accommodate and allow proper installation of child seats. The CRS included in the list are selected based on UNECE R129 approval, as well as their availability within the ASEAN market. While ASEAN NCAP does not individually rate or certify CRS products, the selected models represent a broad range of those commonly used in the region. It is important to note that other CRS not included in the list may still provide equivalent levels of safety.

Since the initial CRS selection and survey were conducted in 2023, several models have become unavailable due to changes in manufacturer product lines and the rapid evolution of CRS models in the market. Therefore, this update aims to present the revised ASEAN NCAP CRS Reference List for use in CRS Installation Assessment under the 2026-2030 assessment protocol.

R129 CRS category

Category	Age Range	CRS Type
40 – 85 cm	Birth to ~ 15 months	Rearward Facing
40 – 105 cm	Birth to ~ 4 years	Convertible CRS
40 – 125 cm	Birth to ~ 7 years	Convertible CRS
76 – 105 cm	~15 months to ~ 4 years	Forward Facing
76 – 150 cm	~15 months to ~ 12 years	Forward Facing Harness/Booster
100 – 150 cm	~4 to 12 years	Booster

2. CRS for Installation Assessment

The following Child Restraint Systems (CRS) are included in the assessment. For forward-facing CRS, a dummy will be used to assess the CRS or booster seat's stability, as specified in the corresponding table. The CRS and dummy combinations are listed to guide assessment consistency and ensure comparability across vehicle evaluations. In addition, a detailed CRS Model Reference Table is provided as guidance to identify the specific model names included in the ASEAN NCAP CRS Reference List.

CRS Installation Assessment (R129)

REFERENCE LIST	Category	CRS	Direction	Interface	Dummy
	<85 cm	Joie i-Gemm 3	Rwd	B _ _ _	
	<85 cm	Joie i-Gemm 3 + Joie i-base 2	Rwd	_ I L _	
	40–105 cm	Joie Steadi	Rwd	B _ _ _	
	76–105 cm	Joie Steadi	Fwd	B _ _ _	3 yo
	76–150 cm	Joie Elevate	Fwd	B _ _ _	3 yo 10 yo
	40–105 cm	Nuna Todl Next + Nuna Base Next	Rwd / Fwd	_ I L _	3 yo
	40–105 cm	Recaro Salia 125	Rwd / Fwd	_ I L _	3 yo
	40–105 cm	Chicco Seat 3 Fit i-Size Air	Rwd / Fwd	_ I L _	3 yo
	40–125 cm	Joie i-Spin Grow / Joie Multiway	Rwd / Fwd	_ I _ S	6 yo
	100–150 cm	Cozy N Safe Augusta i-Size	Fwd	B I _ _	10 yo
	100–150 cm	Nuna AACE Lx	Fwd	B I _ _	10 yo
OEM	<85 cm	XXXX			
	76–105 cm	XXXX			
	Q 6	XXXX			
	Q 10	XXXX			

List of CRS and Model Number

CRS Name	Model Number
Joie i-Gemm 3	C1404
Joie i-base 2	D1404
Joie Steadi R129	C2115
Joie Elevate	C2216
Nuna Todl Next	CS14910xxxGL
Nuna Base Next	IF14900ACSGL
Recaro Salia 125	18089047310050
Chicco Seat 3 Fit I-Size Air	79880
Joie Multiway	C1904
Cozy N Safe Augusta i-Size	EST307
Nuna AACE Lx	CS12303OCNGL

3. Updates to CRS Reference Models

ASEAN NCAP has revised its CRS Reference List to reflect current product availability in the ASEAN market. Several previously listed CRS models are no longer in production or distribution, and suitable replacements have been identified to maintain the integrity and continuity of CRS installation assessments.

Joie i-Spin Grow → Joie i-Spin Multiway

Please note that the Joie i-Spin Grow (Model C1904BA) is no longer available in the consumer market. It has been replaced by the Joie i-Spin Multiway, which is now the representative model used for CRS installation assessments.

The transition from Joie i-Spin Grow to Joie i-Spin Multiway reflects a change in product presentation rather than technical functionality. According to the manufacturer, the differences between the two models are limited to aesthetic and material aspects, such as simplified upholstery design, branding format (printed vs. embroidered logos), and fabric type.

Importantly, there are no changes to the core structural design, installation interface, or safety performance. As such, the Joie i-Spin Multiway is considered technically equivalent for CRS installation assessments under ASEAN NCAP protocols.

ASEAN NCAP therefore recognizes the Joie i-Spin Multiway as a direct substitute for the Joie i-Spin Grow in its CRS installation assessment protocol.

Recaro Salia → Recaro Salia 125

The Recaro Salia (40–105 cm) is no longer produced, and the Recaro Salia 125 (40–125 cm) is now the available successor in the market.

Although the new CRS accommodates a wider child size range, the ASEAN NCAP assessment remains focused on the 40–105 cm category, specifically evaluating the ISOFIX and load leg installation interface. Thus, despite the model change, the scope of the CRS installation assessment remains unchanged.

Recaro Mako Elite → Nuna AACE Lx

The Recaro Mako Elite is no longer available in the market. As a result, ASEAN NCAP has identified the Nuna AACE Lx as its replacement in the CRS Reference List.

This change represents a complete substitution for the booster seat category (100–150 cm) with ISOFIX and belt installation assessment.

Note on Chicco Seat 3 Fit i-Size Air

Although the Chicco Seat 3 Fit i-Size Air is approved for 40–125 cm, the ASEAN NCAP CRS installation assessment only applies to the use of ISOFIX and support leg configurations under the 40–105 cm installation category.