

C-NCAP MPDB Compatibility Assessment



Introduction

This document explains how to use the REPORTER templates:

- C-NCAP MPDB Compatibility Assessment **2022**
- C-NCAP MPDB Compatibility Assessment **2023**

There are two variants of the template to reflect the change in scoring described in the [C-NCAP Management Protocol \(2021 edition\)](#). From 1st January 2023, the Compatibility assessment is a 0 to -6 point penalty applied to the overall test score. In 2022, the compatibility penalty is 0 to -3 points. The templates are otherwise identical.



Using the templates

Instructions for the C-NCAP MPDB Occupant Assessment templates are the same as those for Euro NCAP, which can be found in:

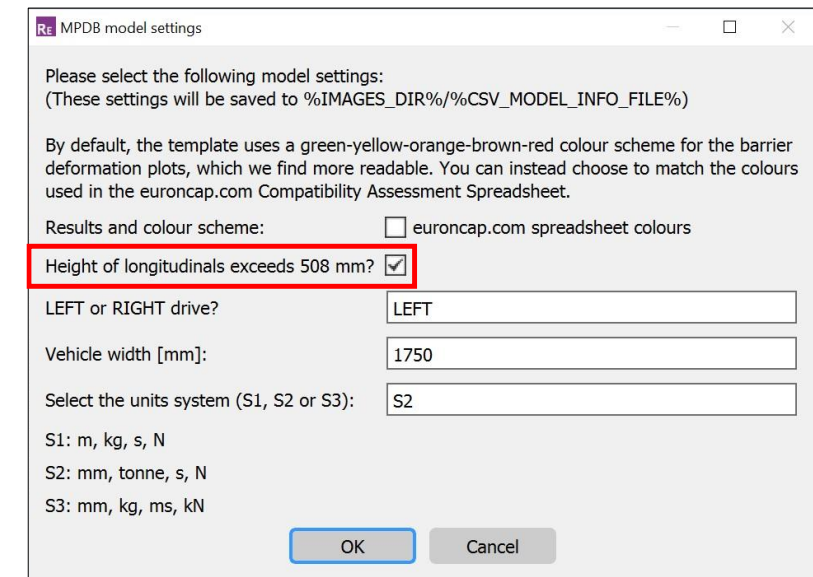
- [Euro NCAP MPDB Compatibility Assessment REPORTER Instructions.pdf](#)

There are differences in the calculations, but the only change in use for the C-NCAP templates is the addition of the **barrier intrusion height** check. If you tick the “*Height of longitudinals exceeds 508 mm?*” option, the template will perform the barrier intrusion height check as described in:

- [C-NCAP MPDB Barrier Intrusion Height.pdf](#)

For the main barrier deformation and Occupant Load Criterion (OLC) calculations, the C-NCAP templates follow the same approach as the Euro NCAP templates:

- [Euro NCAP MPDB Barrier Deformation Calc.pdf](#)
- [Euro NCAP MPDB OLC Calc in REPORTER.pdf](#)



MPDB model settings

Please select the following model settings:
(These settings will be saved to %IMAGES_DIR%/CSV_MODEL_INFO_FILE%)

By default, the template uses a green-yellow-orange-brown-red colour scheme for the barrier deformation plots, which we find more readable. You can instead choose to match the colours used in the euroncap.com Compatibility Assessment Spreadsheet.

Results and colour scheme: ☐ euroncap.com spreadsheet colours

Height of longitudinals exceeds 508 mm? ☒

LEFT or RIGHT drive?

Vehicle width [mm]:

Select the units system (S1, S2 or S3):

S1: m, kg, s, N
S2: mm, tonne, s, N
S3: mm, kg, ms, kN

OK Cancel

Contact us

Global / UK

T: +44 121 213 3399

E: dyna.support@arup.com

India

T: +91 40 69019723 / 98

E: india.support@arup.com

China

T: +86 21 3118 8875

E: china.support@arup.com

USA

T: +1 415 940 0959

E: us.support@arup.com

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