



**GLOBAL NEW CAR ASSESSMENT PROGRAMME**  
**(Global NCAP)**

**TESTING PROTOCOLS**

Version 1.0.0

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#### **AKNOWLEDGEMENT**

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### **Information required ahead of testing**

Manufacturers will be requested to complete the manufacturers form according to the following document:

- *Manufacturers request Global NCAP 2020 – latest version*

In the case that the car to be tested is Electric or Hybrid, extra considerations must be put in place at the time of testing according to the following document:

- *Euro NCAP - Testing of Electric Vehicles v1.0 Oct 2010*

### **Adult Occupant Protection**

- Frontal ODB testing protocol:
  - *Euro NCAP - ODB Frontal Impact Testing Protocol v7.0.1 Apr 2015.*
- Knee mapping testing protocol (when required):
  - *Euro NCAP - Sled Test Procedure For Assessing Knee Impact Areas v2.7 Jun 2011.*
- Side MDB testing protocol
  - *Euro NCAP - MDB Side Impact Testing Protocol v6.0 Aug 2012.*
  - Global NCAP can decide if the impact side is the driver or passenger side randomly before the test.
- Side Pole impact testing protocol:
  - *Euro NCAP - Pole Side Impact Testing Protocol v5.0 Oct 2009.*
  - Global NCAP can decide if the impact side is the driver or passenger side randomly before the test.
  - Front headrest position can also be set according to Global NCAP MDB protocol or the highest position.
- HPD (Head Protection Device) assessment procedures (when required, for information only):
  - *Euro NCAP - OPSI Testing Protocol (Section 7.5) v7.0.4 Sept 2018*

### **Child Occupant Protection**

- COP dynamic testing protocol using Q1 ½ and Q3 dummies:
- *Frontal Impact: Euro NCAP - ODB Frontal Impact Testing Protocol v7.0.1 April 2015.*
- *Side Impact: Euro NCAP – MDB Side Impact Testing Protocol v6.0 Aug 2012.*
  - Global NCAP can decide in the MDB test which side of the car will be tested for the impact, the child occupants must be positioned keeping the symmetry.

- When Passenger airbag automatic detection system assessment is needed, the procedures are detailed in *Euro NCAP - Assessment Automatic Passenger Airbag Disabling Systems v1.2 Dec 2016*.

### **Others**

- SBR testing protocol:
  - *Euro NCAP SA assessment protocol v5.6 Jul 2012 (Section 3)*.
- ESC testing protocol:
  - *Euro NCAP - ESC Dynamic Test Protocol v1.2 Jun 2011*.