

# JASTI Head form Impactor report No.11

## [ Head Form Impactors development and history ]

JASTI had developed under the MLIT, JARI, JAMA, ESTECH for ISO Pedestrian WG activity also EEVC WG17. (Please refer **Parameters of head form impactors required by ISO, IHRA and Japan MLIT**)



### History; from 2003

- ①. FTSS developed Child impactor 2.5kg, Adult impactor 4.8kg.

Certification ; 1kg probe impactor hit head form impactor at 7m/sec.

- ②. JASTI developed Child impactor 3.5kg, Adult impactor 4.5kg.

Certification ; 376mm height head drop test procedure



### Official regulation set as below;

ISO, EEVE WG17 set Pedestrian Head form Impactors as follows;

Child head form impactor 3.5kg, Adult head form impactor 4.5kg

Certification ; 376mm height head drop test

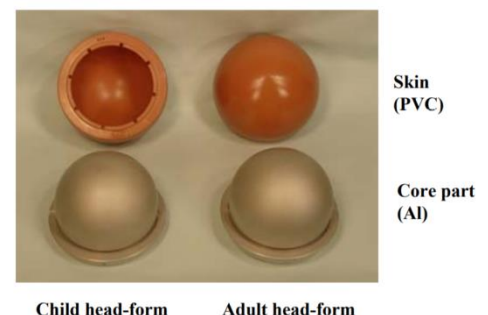
This is the reason why **JASTI can use Pedestrian Head Form Impactor**

**As ISO (EC) Child 3.5kg = ACEA Small adult 3.5kg, ISO (EC) Adult 4.5kg**

**REMARKS:** ENCOCAM (Cellbond) has started Head form impactor business while they were JASTI distributor for European market as copied products.

They have marketed Pedestrian Impactor, Ejection mitigation ( FMVSS 226), FMH (Free Motion Head Form) impactors.

### **Disassembled head-form impactors**



Any question and/or request to [info@jasti.co.jp](mailto:info@jasti.co.jp)

URL <http://www.jasti.co.jp/product/impactor.html>

**Thank you for your attention!!!**