

Moshon^{DATA}

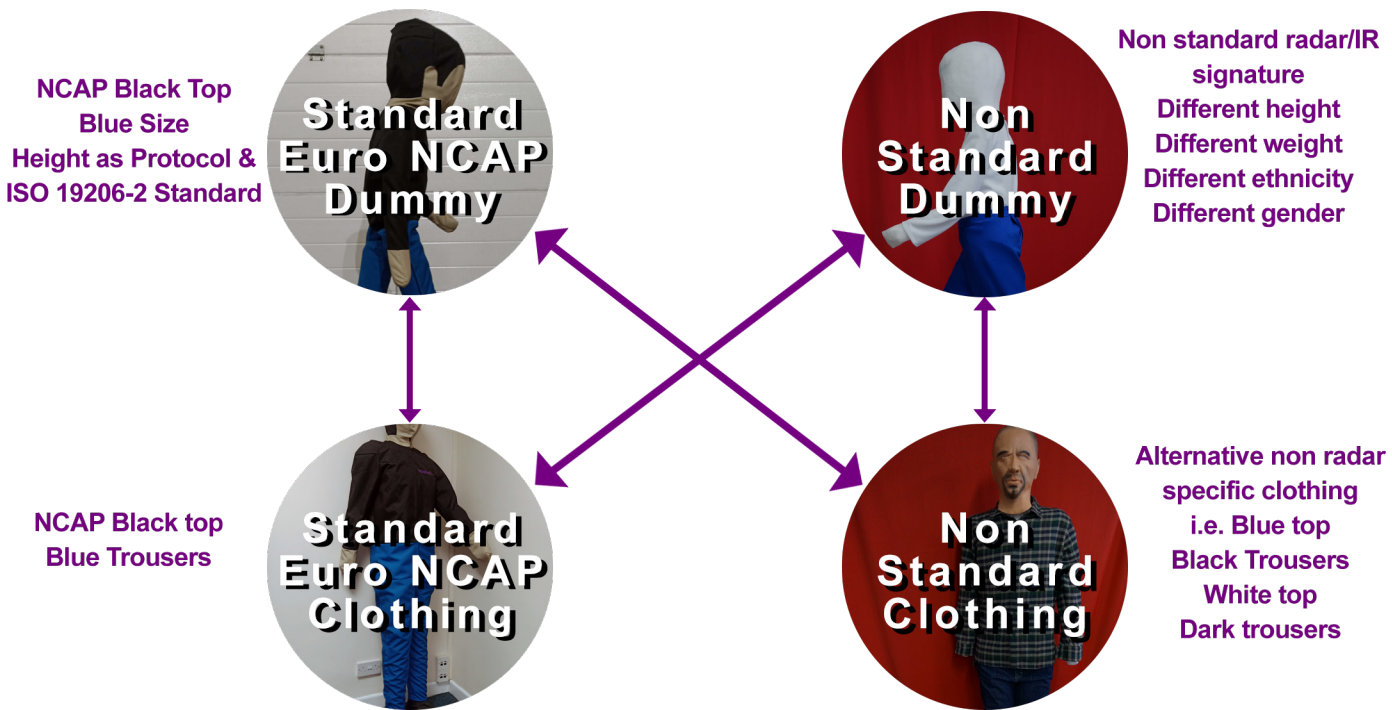
Your partner for vehicle targets

MD-Pedestrian Solutions





Pedestrian Bundles for ADAS testing



Types - Sizes

	Adult Size	Teenager Size	Child Size
Euro NCAP Specification - Static Pedestrian Target (PT)	Full	75%	50%
Non-standard Static Pedestrian Target (PT)	Full	75%	50%
Euro NCAP specification - Articulated Pedestrian Target (aPT)	Full	75%	50%
Non-standard Articulated Pedestrian Target (aPT)	Full	75%	50%





Standard Euro NCAP Pedestrian Target (PT)

The following requirements need to be fulfilled to enable a proper recognition with regard to visual and radar detection:



- PT dimensions shall confirm to the ACEA/Euro NCAP standard for both Adult and Child.
- There shall be no visible reflective components on the PT
- Skin surface parts shall be finished with a low-reflective skin.
- The head hair shall be imitated by using black coloured texture, alternatively a hairpiece can be used.
- PT Radar cross-section (RCS) and IR properties shall fit the specification boundaries.

Standard Euro NCAP Clothing

The following requirements need to be fulfilled to enable a proper recognition with regard to visual and radar detection:

- The head hair shall be imitated by using black coloured texture, alternatively a hairpiece can be used.
- T-shirt in black and jeans in blue.
- Clothing shall be loosely fitted and not form any large, unnatural or dominating planar wrinkles.
- More.... as found in Annex B of ISO 19206-2:2018(E) , ACEA (Articulated Pedestrian Target Specifications) v1.0, Euro NCAP AEB VRU v.3.0.2 – listed at the end of this doc.









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Non-Standard Pedestrian Target (PT)

No particular radar/IR signature - but realistic of an equivalent real world person specification.



We celebrate everyone is different –
We are not all the same...
But all need protecting!!

-  Different height, weight (Portly)
-  Ethnicity
-  Size, Build
-  Gender

Non-Standard Clothing



“Imparting Knowledge”





www.moshondata.com