

# Optimized Euro NCAP Harmonized 50th Male

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The Harmonized Hybrid-III 50th Male can be equipped with Euro NCAP optimized components which are provided individually by Humanetics or as part of complete dummy assemblies.

## Euro NCAP Optimized H-III 50th Male

Hybrid-III 50th Male ATDs utilized in the European New Car Assessment Programme (Euro NCAP) can be equipped with components that vary from the standard U.S. regulated dummy. Humanetics offers two complete harmonized 50th Male dummy assemblies that include ball bearing knee sliders and other elements optimized for the instrumentation needs of the Euro NCAP Offset Deformable Barrier Frontal Impact Testing Protocol. *These assemblies represent the optimal configurations for usability but not all components are mandatory under Euro NCAP for the Hybrid-III 50th Male ATD.*

Euro NCAP Optimized ATD assemblies available:

ATD Part Number	Description
<b>78051-218-BKS-H</b>	H3-50TH, BBKS, T/C
Includes:	<ul style="list-style-type: none"> <li>• ENCAP Ball Bearing Knee Sliders</li> <li>• Zippered Lower Leg Flesh</li> <li>• ENCAP Tested Rib set</li> <li>• ENCAP Tested Feet</li> </ul>
<b>78051-218-1-BKS-H</b>	H3-50TH, BBKS, T/C, ACCEL MT
Includes:	<ul style="list-style-type: none"> <li>• ENCAP Ball Bearing Knee Sliders</li> <li>• Zippered Lower Leg Flesh</li> <li>• ENCAP Tested Rib set</li> <li>• ENCAP Tested Accel Mount Feet</li> </ul>
Individual Spare Components	
<b>EX593-1-H-ENCAP</b>	ENCAP BBKS Assy, Left
<b>EX593-2-H-ENCAP</b>	ENCAP BBKS Assy, Right

Individual Spare Components (Con't)	
<b>78051-73-LCZ-H</b>	Lower Leg Flesh Left w/zipper
<b>78051-74-LCZ-H</b>	Lower Leg Flesh Right w/zipper
<b>78051-600-EU-H</b>	ENCAP Tested Foot Assy, Left
<b>78051-601-EU-H</b>	ENCAP Tested Foot Assy, Right
<b>78051-600D-H-ENCAP</b>	ENCAP Tested Accel. Mount Foot Assy, Left
<b>78051-601D-H-ENCAP</b>	ENCAP Tested Accel. Mount Foot Assy, Right
<b>78051-RS-LS-DN</b>	Multi-Tested Rib Set*
<b>93051-1-DN</b>	Foam Neck Shield
<b>1794AJ</b>	6-ch Lower Neck Load Cell
<b>1842J</b>	3-ch Lumbar Load Cell

## Rib Sets

Humanetics offers rib sets for use on the Harmonized 50th ATD that are certified using standard NHTSA Part 572E corridors and also with additional low speed impact testing per SAE J2779.

Rib sets available:

Part Number	Description
<b>78051-RS-DN</b>	Rib set, T/C
<b>78051-RS-LS-DN*</b>	Rib set, T/C ENCAP

\*Euro NCAP versions of rib sets include both low speed and high speed impact certification.