

ES-2 Neck Brace Development

The position of the dummies head has a strong influence on the test results in crash tests, especially on the ES-2 dummy the head angle / head position can vary from dummy to dummy. The reasons for this variation are the design and material of the neck and neck bumpers as well as the permanent load on the neck due to the head weight.



In order to keep the neck and head in a defined and unstressed position during dummy storage, Denton COE has developed a neck brace which prevents permanent bending of the neck and compression of the neck bumpers.

Each ES-2 or ES-2re dummy should be equipped with a neck brace, please contact Denton COE or your local Denton representative for a free of charge neck brace.

