

Test Number: A01_55

Vehicle: 00 MERCEDES S430 FRONT Test Date: 09/26/00

Test Description: TWG 3.3.3.3: HEAD ON ARMREST

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

HEAD CG TO RH UPPER CORNER OF GLOVE BOX: 21 3/16 INCHES

UPPER NECK TO UPPER EDGE OF SIDE AIRBAG: 1 15/16 INCHES

Injury Numbers:

- HIC15: 1106@ 2.6 TO 6.1 (3.5MS)
 - Chest Deflection: 1.9 @16.4 (mm)
 - Deflection Rate: 2.5 @10.6 (m/s)
 - NIJ 10: .97 @ 5.9 MS NEC
 - o Tension (+FZ): 608.16 (N)
 - o Compression (-FZ): -1182.15 (N)
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