

Test Number: A01_52

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

Test Description: TWG 3.3.3.3: HEAD ON ARMREST

A/B LOC.: DOOR

Dummy: 3YO-070

Measurements:

MIDDLE NECK TO ARMREST: 3 INCHES

HEAD CG TO SEATBACK: 5 ¼ INCHES

Injury Numbers:

- HIC15: 509@ 3.1 TO 5.6 (2.5MS)
 - Chest Deflection: 1.1 @19.4 (mm)
 - Deflection Rate: 2.0 @14.1 (m/s)
 - NIJ 10: 2.01 @ 6.6 MS NEC
 - o Tension (+FZ): 47.96 (N)
 - o Compression (-FZ): -3386.25 (N)
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