

Test Number: A01_57

Vehicle: 00 MERCEDES S430 FRONT Test Date: 09/29/00

Test Description:NHTSA DOOR-03-3:BACK ON DOOR-LWR NECK TO UP A/B

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

HEAD CG TO UPPER RIGHT HAND CORNER OF G. BOX: 20 7/16 INCHES

HEAD CG TO HEAD PILLAR CENTER: 16 11/16 INCHES

LOWER NECK TO UPPER AIRBAG MODULE: 3 ½ INCHES

Injury Numbers:

- HIC15: 35@ 5.6 TO 20.6 (15MS)
 - Chest Deflection: 3.8 @8.5 (mm)
 - Deflection Rate: 2.1 @5.3 (m/s)
 - NIJ 10: .42 @ 20.7 MS NET
 - o Tension (+FZ): 420.91 (N)
 - o Compression (-FZ): -438.43 (N)
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