

Test Number: A01_51

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

Test Description: TWG 3.3.3.1: KNEELING AT WINDOW

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

UPPER RIB TO UPPER EDGE OF SIDE AIRBAG: 2 1/8 INCHES

Injury Numbers:

- HIC15: 7@ 481.5 TO 491.1 (9.6MS)
 - Chest Deflection: 20.1 @11.0 (mm)
 - Deflection Rate: 6.5 @8.1 (m/s)
 - NIJ 10: .58 @ 19.4 MS NET
 - o Tension (+FZ): 318.80 (N)
 - o Compression (-FZ): -127.64 (N)
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