

Test Number: A01\_134

Vehicle: 00 MERCEDES S430 FRONT Test Date: 02/22/01

Test Description: TWG 3.3.3.2: BACK ON DOOR-UP NECK AT UP A/B MOD

A/B LOC.: DOOR

Dummy: 3Y0-070

Measurements:

UPPER NECK TO UPPER A/B MODULE (HORIZ): 2 13/16 INCHES

HEAD CG TO RH UP CRN OF G/B: 20 5/8 INCHES

HEAD CG TO ROOF HEADER (INSIDE): 16 1/4 INCHES

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Injury Numbers:

- HIC15: 69@ 5.0 TO 19.7 (14.7MS)
  - Chest Deflection: 1.6 @8.5 (mm)
  - Deflection Rate: 1.3 @7.2 (m/s)
  - NIJ 10: .43 @ .6 MS NFT
  - o Tension (+FZ): 677.36 (N)
  - o Compression (-FZ): -314.09 (N)
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