

Test Number: B01_159

Vehicle: 00 MERCEDES S430 FRONT Test Date: 03/14/01

Test Description:NHTSA DOOR-01-6:BACK ON DOOR-LWR NECK TO UP A/B
A/B LOC.: DOOR

Dummy: 6YO-030

Measurements:

LOWER NECK TO SIDE A/B (HORIZ): 2 ¾ INCHES

HEAD CG TO RH UP CRN OF GB: 21 INCHES

CENTER OF CHIN TO ROOF HEADER (INSIDE): 17 ½ INCHES

** Repeat: #96

Injury Numbers:

- HIC15: 37@ 7.8 TO 20.5 (12.7MS)
- Chest Deflection: 3.9 @8.6 (mm)
- Deflection Rate: 6.5 @5.6 (m/s)
- NIJ 10: .80 @ 27.1 MS NET
- o Tension (+FZ): 784.64 (N)
- o Compression (-FZ): -430.85 (N)