

Test Number: A01_72

Date: 10/19/00

Vehicle: 99 Volvo S80

Test Description: TWG Peek-a-boo

Head CG to B-Pillar (horiz): 15/16 inches

Back of Head(edge of skin at neck) to

RH Upper Corner of glove box: 34 inches

Upper Rib to top of A/B Module: 4 3/4 inches

Dummy: 3 yr. old 070 - Passenger Side - Front Seat Side Airbag

1. HIC36 = 2 when limited to a pulse width of 3.600000E-02 sec
and using time interval from 3.98 ms [5994] to 39.98 ms [7794]

HIC15 = 2 when limited to a pulse width of 1.500000E-02 sec
and using time interval from 12.04 ms [6397] to 27.04 ms [7147]

2. Chest G's 3msec clip solution = 14.8, start point= 6212(8.3),
end point = 6362(1)

3. Chest Deflection

5.3 mm @ 9.7 ms

4. NIJ 10 Calculation

NTE 0.299809 @ 16.1

NCE 0.241613 @ 17.2

NTF 0.0827413@ 13.48

NCF 0.0581261@ 87.82

5. Channel Min Max

No	Mnemonic	Units	Min	Max
AAA	AAAAAAAAAAAAAAAAAAAA	AAAAAAAAAAAAAA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA	AAAAAAAAAAAAAAAAAAAAAAAAAAAA
1	EVENT	VOLTS	-0.527956 @ -0.01292	5.84839 @ -0.01
2	UNKFX3	N	-142.36 @ 0.01732	37.3452 @ 0.0064
3	UNKYF3	N	-144.754 @ 0.31834	107.309 @ 0.0287
4	UNKZF3	N	-52.2134 @ 0.06476	175.412 @ 0.0134
5	UNKXM3	N-M	-8.47068 @ 0.3115	8.57921 @ 0.03346
6	UNKYM3	N-M	-6.52356 @ 0.0172	3.53566 @ 0.08778
7	UNKZM3	N-M	-3.32098 @ 0.0356	2.18654 @ 0.08964
8	LNKXF3	N	-162.478 @ 0.01638	21.8635 @ 0.0058
9	LNKYF3	N	-101.759 @ 0.00808	62.662 @ 0.0815
10	LNKZF3	N	-37.1224 @ 0.06466	189.942 @ 0.0135
11	LNKXM3	N-M	-22.0191 @ 0.3179	18.376 @ 0.03238
12	LNKYM3	N-M	-1.57414 @ 0.0059	9.24239 @ 0.01698
13	LNKZM3	N-M	-6.79414 @ 0.02546	4.48427 @ 0.3156
14	HEDXG3	G	-6.17492 @ 0.01704	2.55061 @ 0.0042
15	HEDYG3	G	-5.62318 @ 0.02858	10.1987 @ 0.3074
16	HEDZG3	G	-7.00034 @ 0.00614	2.08005 @ 0.0078
17	hedrg3	g	0.00119569 @ -0.10462	11.0269 @ 0.307
18	CSTXG3	G	-12.5587 @ 0.00492	3.11929 @ 0.0191
19	CSTYG3	G	-13.1831 @ 0.01086	5.41412 @ 0.3004

20	CSTZG3	G	-4.05574 @ 0.004	2.28682 @ 0.00604
21	T12ZG3	G	-5.32885 @ 0.30044	13.5364 @ 0.0126
22	T12XG3	G	-1.94553 @ 0.0178	5.5103 @ 0.00476
23	T12YG3	G	-4.48041 @ 0.01958	22.2538 @ 0.0047
24	T01YG3	G	-6.14356 @ 0.29596	18.1125 @ 0.0107
25	T01ZG3	G	-10.467 @ 0.00926	3.58527 @ 0.0175
26	T01XG3	G	-1.27551 @ 0.00556	4.75744 @ 0.0105
27	CSTRG3	g	0.00120791 @ -0.0162	15.8291 @ 0.0092
28	PELXG3	G	-2.97918 @ 0.03878	11.7673 @ 0.0055
29	PELYG3	G	-12.7195 @ 0.01754	5.07591 @ 0.3121
30	PELZG3	G	-2.16063 @ 0.01144	3.82406 @ 0.0099
31	LTIXG3	G	-18.7614 @ 0.00488	2.88705 @ 0.0197
32	LSTXG3	G	-201.163 @ 0.00486	207.253 @ 0.0043
33	USTXG3	G	-257.445 @ 0.00444	69.6328 @ 0.0103
34	RIUXF3	N	-5.3389 @ 0.11516	17.5419 @ 0.0075
35	RLIXF3	N	-12.8818 @ 0.0058	12.5988 @ 0.31812
36	LIUXF3	N	-43.0223 @ 0.02006	43.5149 @ 0.0037
37	LILXF3	N	-21.3097 @ 0.115	55.6588 @ 0.01246
38	CSTXD3	MM	-5.26683 @ 0.00968	2.03916 @ 0.3367
39	PUBXF3	N	-17.5101 @ 0.33768	22.124 @ 0.0052
40	PUBZF3	N	-16.5376 @ 0.06012	15.7975 @ 0.0061
41	LSHXF3	N	-6.98671 @ 0.04436	27.437 @ 0.0080
42	LSHZF3	N	-13.7479 @ 0.00744	7.33691 @ 0.0104
43	RSHXF3	N	-9.76555 @ 0.01036	16.0407 @ 0.3090
44	RSHZF3	N	-4.42272 @ 0.00864	8.27322 @ 0.0063
45	LUMXF3	N	-94.335 @ 0.01988	19.3202 @ 0.0036
46	LUMYF3	N	-82.9359 @ 0.02122	117.339 @ 0.3158
47	LUMZF3	N	-3.57973 @ 0.03076	154.105 @ 0.0142
48	LUMXM3	N-M	-5.18037 @ 0.06048	4.75625 @ 0.3386
49	LUMYM3	N-M	-1.85918 @ 0.31504	2.3411 @ 0.0088
50	LUMZM3	N-M	-2.68352 @ 0.30654	3.01211 @ 0.0886