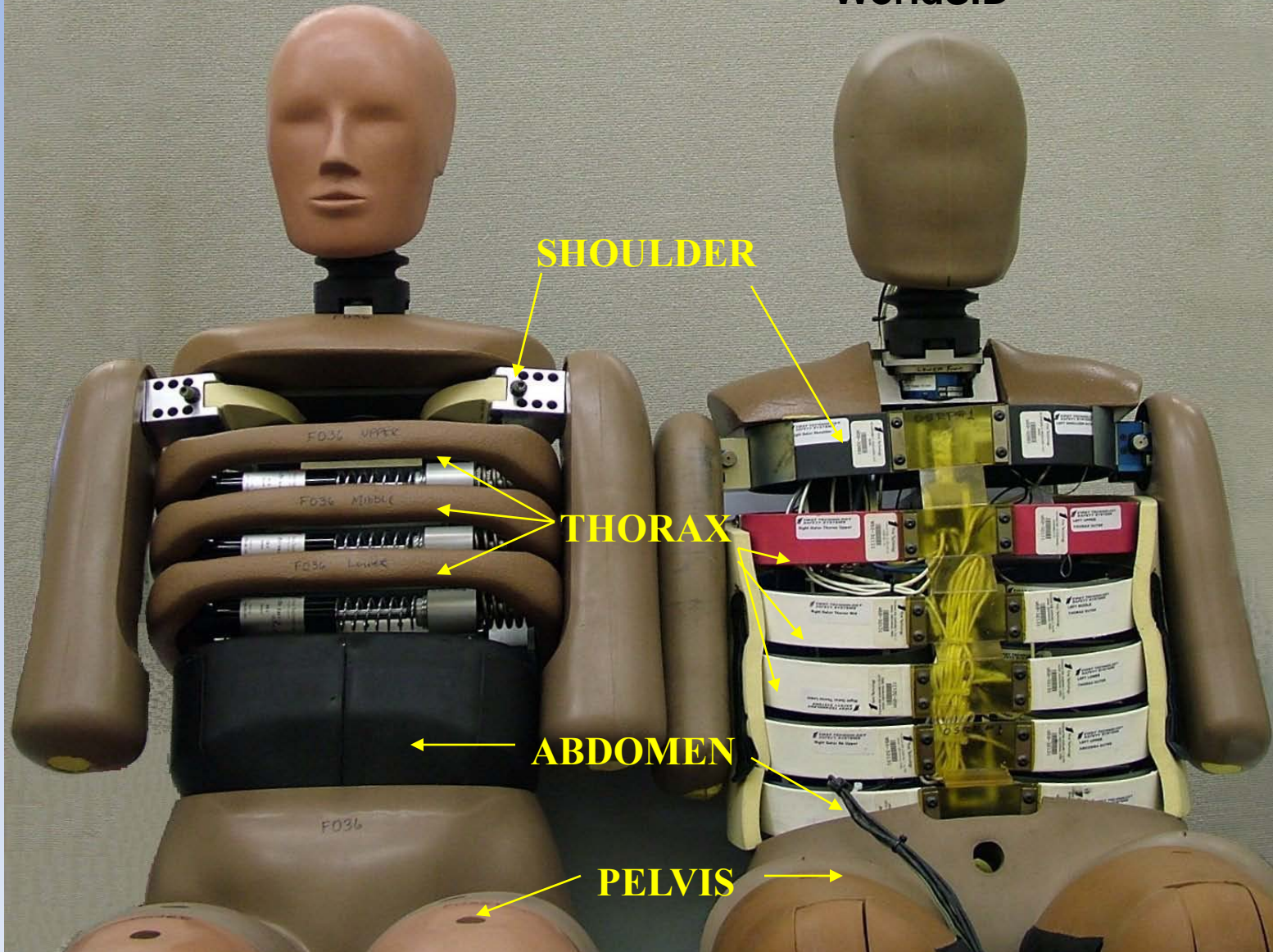


# WorldSID Crash Testing

- Conducted an initial series of FMVSS 214 Pole tests with four vehicles
  - 010 Buick LaCrosse
  - 010 Ford F150
  - 010 Chevy Traverse
  - 011 Hyundai Sonata
- WS located in Driver seating position
  - Used modified WS Seating procedure 5.1
    - Based on Seating Survey Observations
      - Seat placed at Midtrack -20mm
      - No Seatback movement
      - Wider tilt sensor range ( $\pm 2^\circ$ )

ES-2re

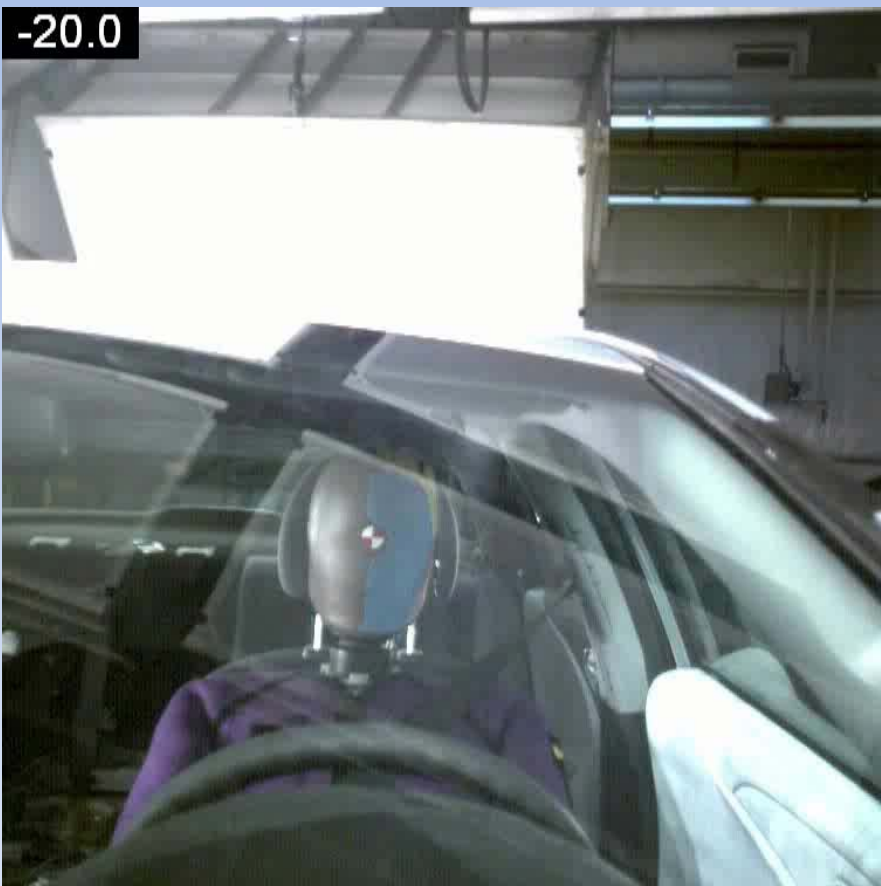
WorldSID

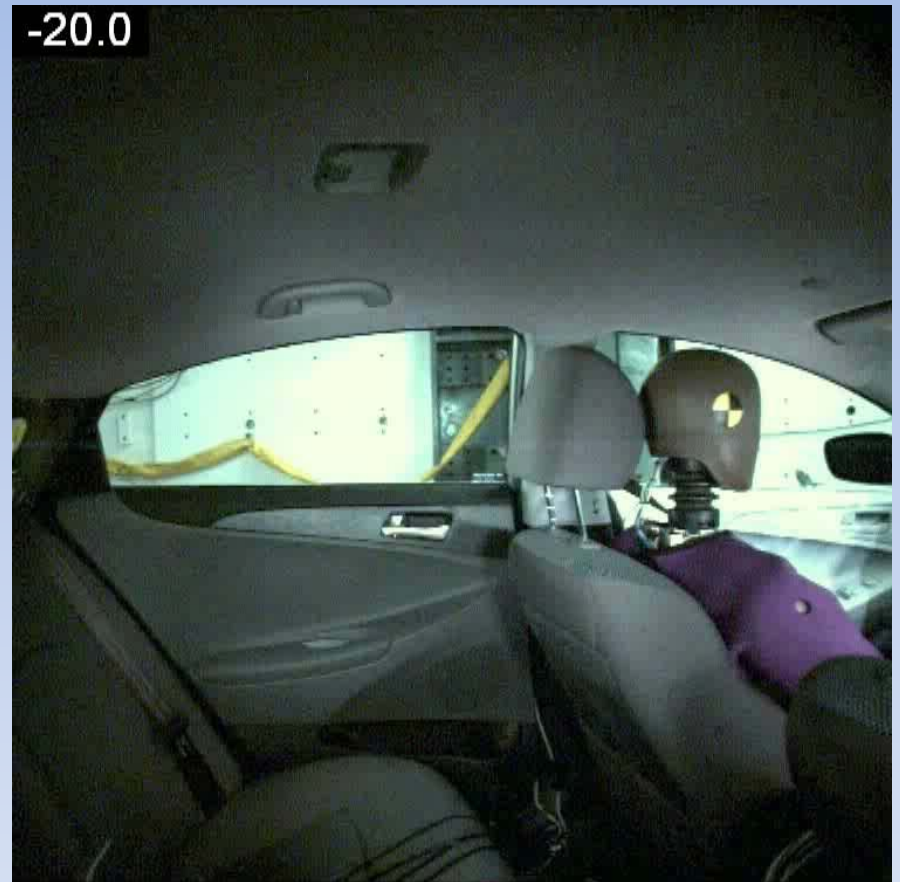


-20.0



-20.0







# Results

Vehicle	Dummy	HIC36	Max Thorax Rib Deflection (mm)	Max Abdomen Rib Deflection (mm)	Pubic Force (N)	Pelvis Resultant Acceleration (G's)	Abdominal Force (N)	Lower Spine (G's) (monitored)
2010 Ford F150	WS	367	41	33	1110	44	na	57
2010 Buick LaCrosse	WS	577	43	26	1201	87	na	61
2011 Hyundai Sonata	WS	250	32	44	1433	72	na	73
2010 Chevy Traverse	WS	439	46	36	1557	71	na	54