

APPENDIX

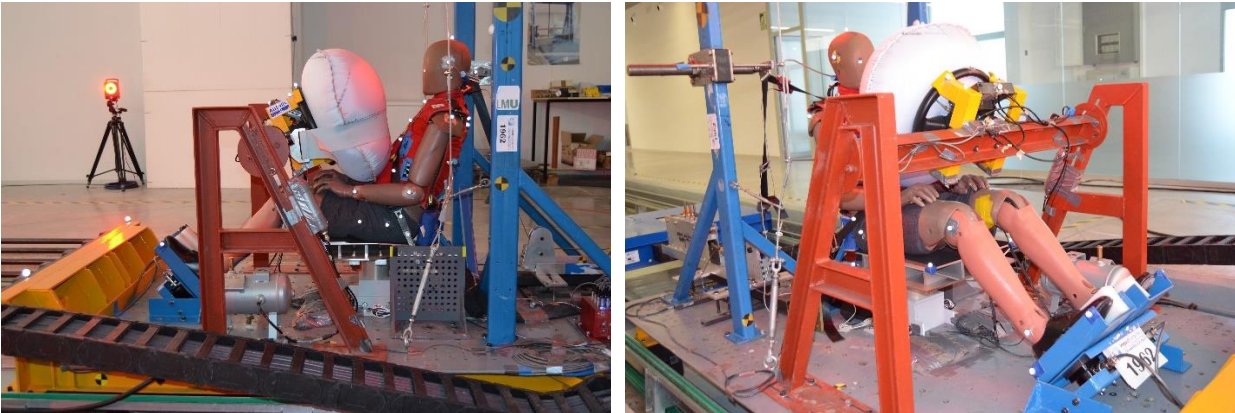


Figure A. 1 Generic oblique and lateral view of the test fixture and seating position of the THOR dummy (Cond. B). Notice the initial contact between the airbag and the dummy.

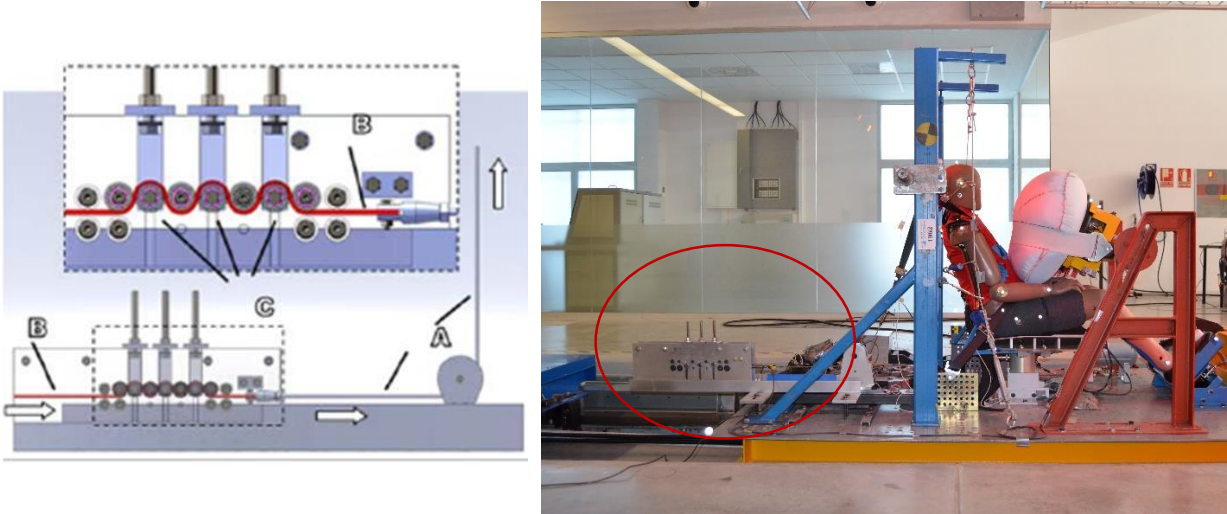


Figure A. 2 Illustration of the generic load limiting device and picture showing its position on the test fixture.

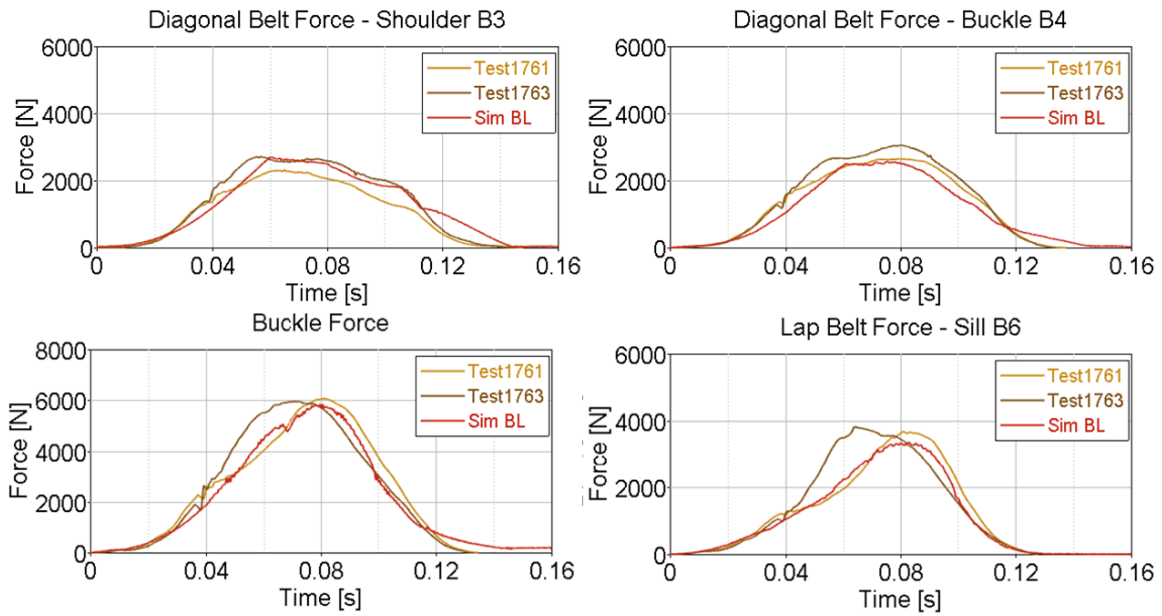


Figure A.3 Comparison of the time history of seat belt forces between PMHS 1 and PMHS 2 and the THUMS model in test conditions 1.

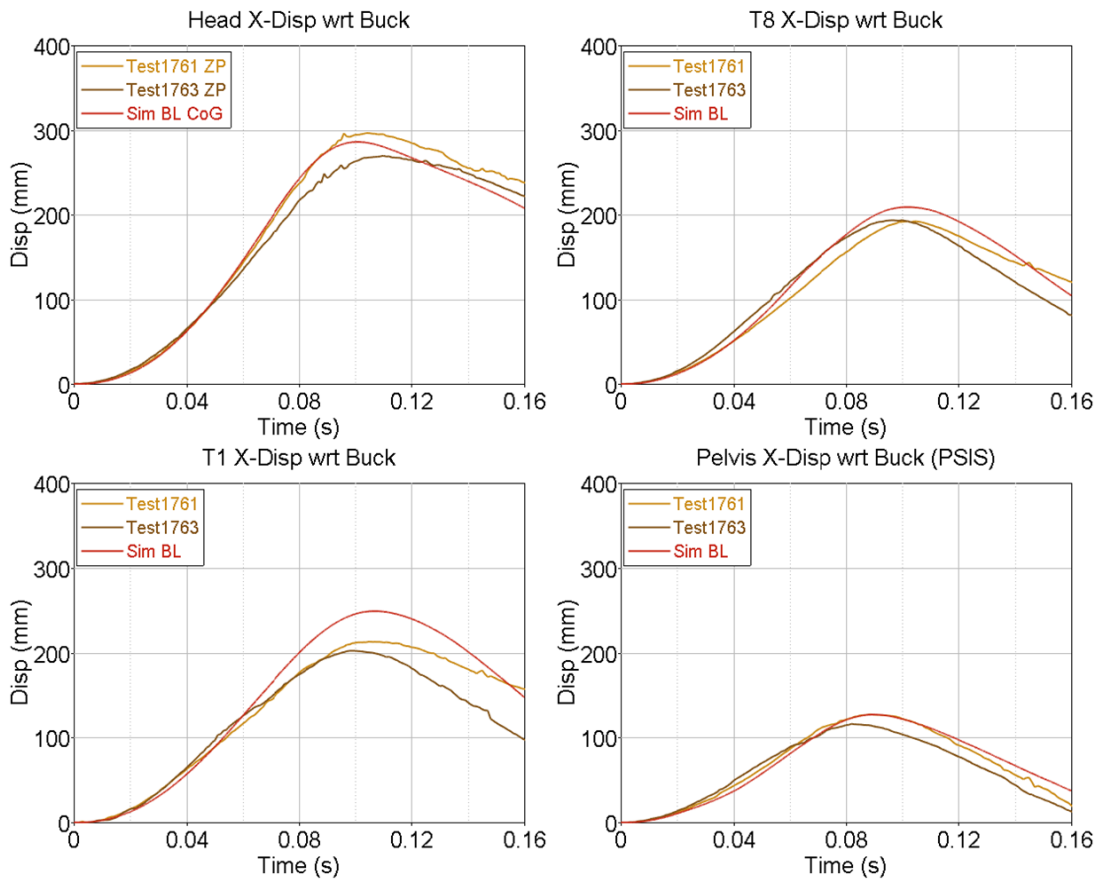


Figure A.4 Comparison of the time history of the X displacement of selected anatomical landmarks between PMHS 1 and PMHS 2 and the THUMS model in test conditions 1.

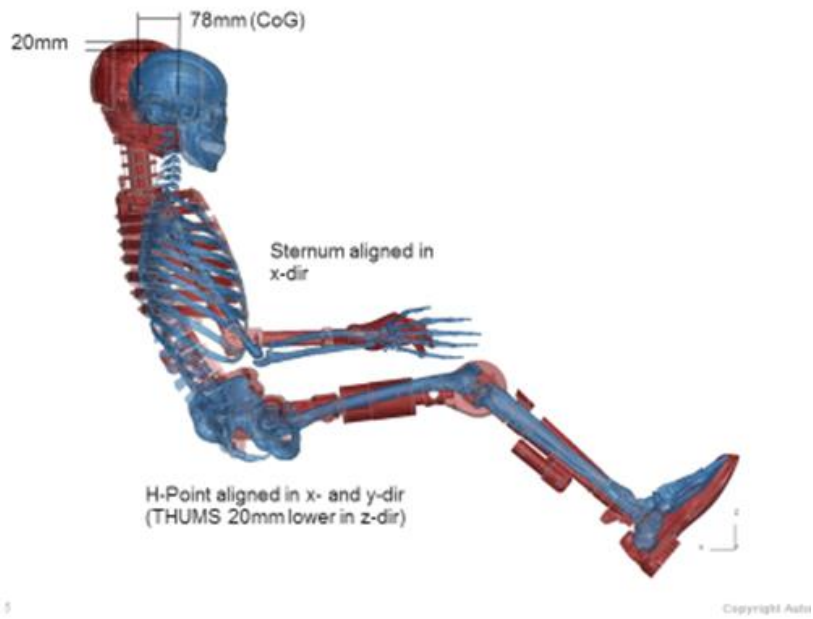


Figure A. 5 Comparison of the initial seating position between the THOR M dummy finite element model and the THUMS model