

Nat'l Highway Traffic Safety Admin., DOT

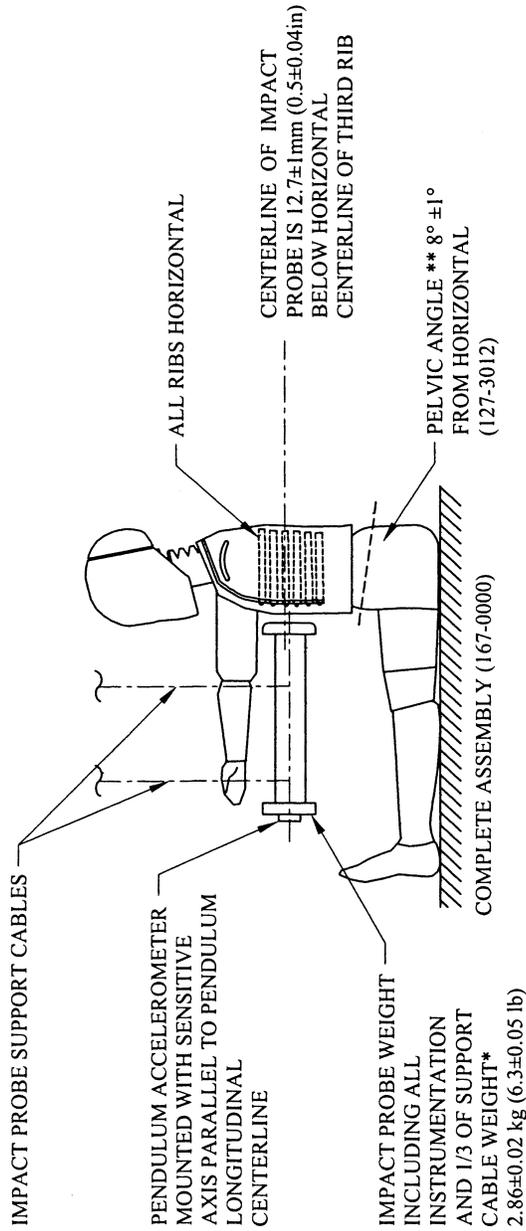
Pt. 572, Subpt. S, Figs.

§ 572.167 Test conditions and instrumentation.

The test conditions and instrumentation are as specified in 49 CFR 572.127 (Subpart N).

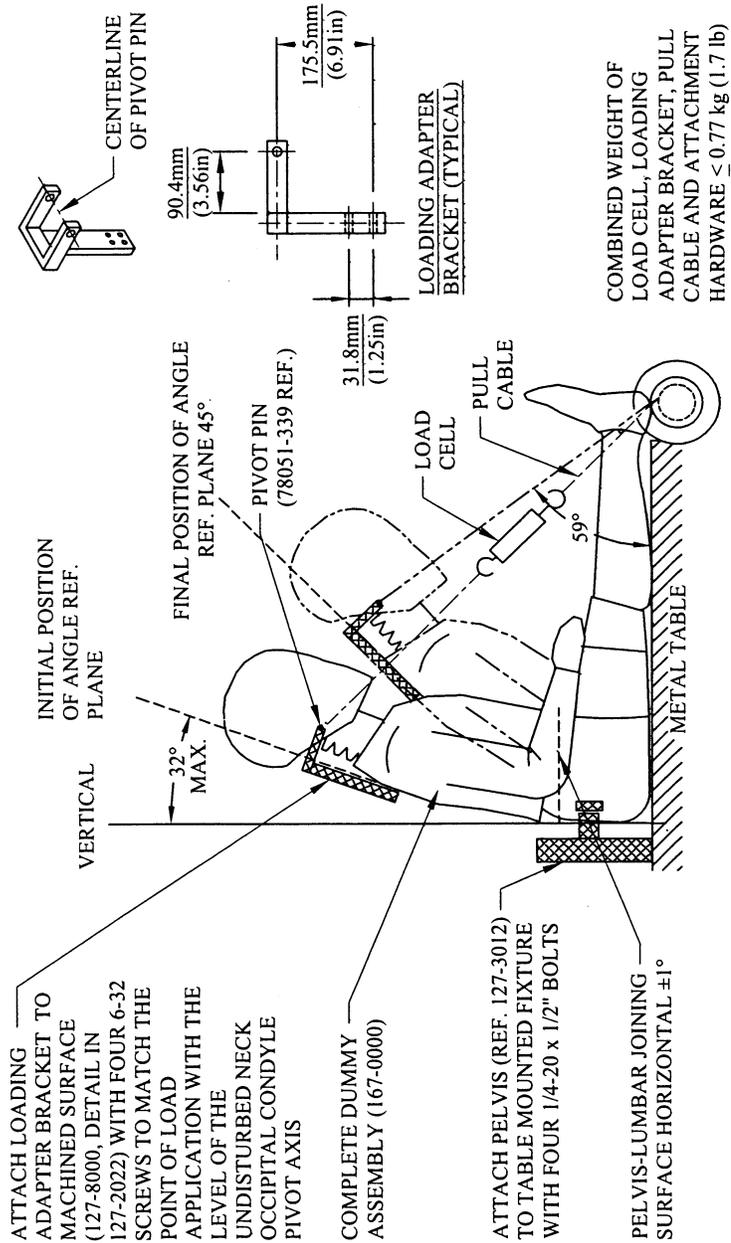
FIGURES TO SUBPART S OF PART 572

FIGURE S1
THORAX IMPACT TEST SET-UP SPECIFICATIONS



* 1/3 CABLE WEIGHT NOT TO EXCEED 5% OF THE TOTAL IMPACT PROBE WEIGHT
** PELVIS LUMBAR JOINING SURFACE

FIGURE S2
TORSO FLEXION TEST SET-UP SPECIFICATIONS



Subpart T [Reserved]**Subpart U, ES–2re Side Impact Crash Test Dummy, 50th Percentile Adult Male**

SOURCE: 71 FR 75331, Dec. 14, 2006, unless otherwise noted.

§ 572.180 Incorporated materials.

(a) The following materials are hereby incorporated into this Subpart by reference:

(1) A parts/drawing list entitled, “Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), Sept. 2006,”

(2) A drawings and inspection package entitled “Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES–2re, Alpha Version), September 2006,” consisting of:

(i) Drawing No. 175–0000 ES–2re Dummy Assembly;

(ii) Drawing No. 175–1000 Head Assembly;

(iii) Drawing No. 175–2000, Neck Assembly Test/Cert;

(iv) Drawing No. 175–3000, Shoulder Assembly;

(v) Drawing No. 175–3500, Arm Assembly, Left;

(vi) Drawing No. 175–3800, Arm Assembly, Right;

(vii) Drawing No. 175–4000, Thorax Assembly with Rib Extensions;

(viii) Drawing No. 175–5000, Abdominal Assembly;

(ix) Drawing No. 175–5500 Lumbar Spine Assembly;

(x) Drawing No. 175–6000 Pelvis Assembly;

(xi) Drawing No. 175–7000–1, Leg Assembly—left;

(xii) Drawing No. 175–7000–2, Leg Assembly—right;

(xiii) Drawing No. 175–8000, Neoprene Body Suit; and,

(xiv) Drawing No. 175–9000, Headform Assembly;

(3) A procedures manual entitled “Procedures for Assembly, Disassembly and Inspection (PADI) of the EuroSID–2re 50th Percentile Adult Male Side Impact Crash Test Dummy, September 2006,” incorporated by reference in §§ 572.180(a)(2), and 572.181(a);

(4) Society of Automotive Engineers (SAE) Recommended Practice J211, Rev. Mar 95 “Instrumentation for Impact Tests—Part 1—Electronic Instrumentation”; and,

(5) SAE J1733 of 1994–12 “Sign Convention for Vehicle Crash Testing.”

(b) The Director of the Federal Register approved the materials incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the materials may be inspected at the National Archives and Records Administration (NARA), and in electronic format through the DOT docket management system (DMS). For information on the availability and inspection of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. For information on the availability and inspection of this material at the DOT DMS, call 1–800–647–5527, or go to: <http://dms.dot.gov>.

(c) The incorporated materials are available as follows:

(1) The Parts/Drawings List, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES2re), Sept. 2006, referred to in paragraph (a)(1) of this section, the Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES–2re, Alpha Version), September 2006, referred to in paragraph (a)(2) of this section, and the PADI document referred to in paragraph (a)(3) of this section, are available in electronic format through the DOT docket management system and in paper format from Leet-Melbrook, Division of New RT, 18810 Woodfield Road, Gaithersburg, MD 20879, telephone (301) 670–0090.

(2) The SAE materials referred to in paragraphs (a)(4) and (a)(5) of this section are available from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096, telephone 1–877–606–7323.

§ 572.181 General description.

(a) The ES–2re Side Impact Crash Test Dummy, 50th Percentile Adult Male, is defined by:

(1) The drawings and specifications contained in the “Parts List and Drawings, Part 572 Subpart U, Eurosid 2 with Rib Extensions (ES–2re, Alpha