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Daniel Davee
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Professional Profile

Mr. Daniel Davee is a Principal in Exponent's Vehicle Engineering practice. He specializes in mechanical design, manufacturing, regulatory compliance, and performance issues related to automotive occupant restraint systems. His research includes analysis of occupant restraint performance as it relates to seat belt assemblies and supplemental restraint systems.

Academic Credentials and Professional Honors

M.S., Mechanical and Reliability Engineering, University of Arizona, 1973
B.S., Mechanical Engineering, University of Arizona, 1971
A.S., Engineering Science, University of New York, 1969

Licenses and Certifications

Engineer-In-Training, Arizona, #1162

Publications

Van Arsdell WW, Weber P, Stankewich C, Davee D, Moralde M. Buckle-latch insertion force and belt tension in everyday driving. SAE 2011-01-0267, 2011.

Raasch C, Davee D, Luepke P. Seat belt entanglement in rollover accidents: Physical evidence and occupant kinematics. SAE 2008-01-1237, 2008.

Davee D, Van Arsdell WW, Raasch C, Moralde M. Seat belt buckle release by inadvertent contact. SAE 2008-01-1236, 2008.

Davee D, Brown J, Raasch C. Case study of clothing fabric transfer to seat belt webbing under accident forces. SAE 2006-01-09-04, 2006.

Davee D, Van Arsdell W, Raasch C. Minimal effect of amplified vehicle accelerations on seat belt buckle resistance to inertial release. SAE 2004-01-0854, 2004.

Prior Experience

Reliability Engineer, Breed Technologies, Inc., 1997–1998
Reliability Engineer, AlliedSignal, Inc., 1989–1997
Manager of Reliability and Metrology, Kelsey Hayes Company, 1977–1989
Reliability Engineer, Eaton Corporation, 1973–1977

Professional Affiliations

- American Society for Quality Control (Reliability Registration #1293)
- Society of Automotive Engineers