



32100 Dobbin Huffsmith Road
Phone: (281) 363-0888

Magnolia, Texas 77354
Fax: (281) 363-0821

Robert J. Pascarella

Specialized Professional Competence

- Failure analysis of mechanical designs including failure mode analysis and assessment of potential consequences associated with failure or loss of function.
- Design and evaluation of automotive chassis and brake systems.
- Vehicle Dynamics testing and simulation

Professional Qualifications

- Bachelor of Science (Mechanical Engineering), Michigan State University, 1989
- Graduate Engineer
Tandy Engineering & Associates, Inc. - 2006 to Present
- Supervisor, Brake Controls Engineering,
Ford Motor Company - 2006
(Roll Stability Control Applications)
- Design Analysis Engineer, Design Analysis
Ford Motor Company - 2002-2006
(Failure analysis of vehicles and chassis components)
- Vehicle Dynamics and Brake Development Supervisor, Truck Vehicle Engineering,
Ford Motor Company - 1998 - 2002
(Vehicle Dynamics and Brake Development for the F250-F550 and Excursion)
- Brake Design Supervisor, Truck Chassis Engineering.
Ford Motor Company - 1997-1998
(Brake Design for the F150 and Expedition Platform)
- Vehicle Dynamics Supervisor, Light Truck Engineering
Ford Motor Company - 1995-1997
(Light Truck Vehicle Dynamics and Suspension Modeling and Testing)
- Vehicle Dynamics Technical Specialist, Light Truck Engineering
Ford Motor Company - 1993-1995
(Light Truck Vehicle Dynamics and Suspension Modeling and Testing)
- Vehicle Dynamics Engineer, Light Truck Engineering
Ford Motor Company - 1990-1993
(Light Truck Vehicle Dynamics and Suspension Modeling and Testing)
- United States Government Patent 5,505,480 Controlled Stabilizer Bar/Attachment
- Member of Society of Automotive Engineers
- Recipient of one Ford Motor Company Henry Ford Technology Award