

# Parsla A. Liepa

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20509 Woodburn Drive  
Southfield, MI 48075

(248) 350-0434  
parslaliepa@yahoo.com  
<http://www.linkedin.com/in/parslaliepa>

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## OBJECTIVE

To obtain a position where I may utilize my background engineering and project management skills to produce improved products and processes for the benefit of my employer.

## WORK EXPERIENCE

**Chrysler, LLC** (Contract through MSX International, GTech Professional Staffing) *Auburn Hills, Michigan*  
**Front Wheel Drive Product Team - Chassis – Product Engineer** *2004 - 2008*

- February 2007 – November 2008: Design/release engineer for wheels, tires, and wheel trim for several vehicle lines. Worked with Product Design Office, Vehicle Dynamics, and suppliers to achieve vehicle objectives. Initiated DFSS project at module supplier to reduce wheel-tire assembly uniformity. Supported Supplier Quality department in root-causing component quality as well as assembly quality concerns to reduce warranty. Implemented cost saving/cost avoidance measures across associated commodities.
- May 2006 – September 2007: Release engineer for front and rear suspension/brake modules and damper modules for the Sebring/Avenger vehicle line. Responsible for tracking and meeting all packaging, performance, durability, cost, weight, investment, and timing objectives through pilot phases and into production. Coordinated component changes between component suppliers and module assembler. Resolved component quality issues and assembly quality issues. Stationed onsite at module supplier plant throughout launch and PSO/PPAP to provide quick response to issues and questions.
- October 2004 – May 2006: Design/release engineer for power steering system of several carry-over vehicle programs. Responsible for supporting new model year pilots and launches at Chrysler assembly plants. Developed and maintained DFMEA at both system and component level, followed DVP&R to validate product changes, maintained and released component drawings.
- Training taken includes Suspension Geometry Design, DFMEA, PFMEA, Error/Mistake Proofing, Fastener Joint Design, Vehicle Dynamics Training, GD&T, Catia V5 Fundamentals, SPC for Engineers, Design for Six Sigma.

**Steering Component Team – Material Cost Management - Engineer** *2002 - 2004*

- Cross-platform Steering Component Team member, responsible for material cost management activity. Duties included working closely with suppliers, product release engineers, vehicle development and procurement/supply to generate, develop, and validate potential cost reduction ideas and to track and support the movement of ideas from the initial idea stage to the implemented stage.

**University of Michigan** *Ann Arbor, Michigan*  
**Department of Electrical Engineering – Radiation Lab - Laboratory Assistant** *2001 - 2002*

- Responsibilities included performing electromagnetic interference measurements and administrative duties associated with filing for FCC and IC compliance.

**College of Engineering - Wilson Student Team Project Center - Student Team Administrator** *1999 - 2001*

- Facilitated set-up of the Wilson Center, a facility to house space for design, assembly, machining for student teams (e.g. Formula SAE, Solar Car, Human Powered Helicopter). Responsibilities included shop supervision, inventory, minor maintenance, and administrative duties such as web page design, data entry, publication of monthly on-line newsletter, and training scheduling.

## EDUCATION

**University of Michigan**  
Bachelors of Science in Mechanical Engineering

*Ann Arbor, Michigan*  
*Degree granted May 2001*