

Indiana University – Purdue University Fort Wayne
Opus: Research & Creativity at IPFW

Computer and Electrical Engineering Technology &
Information Systems and Technology Senior Design
Projects

School of Engineering, Technology and Computer
Science Design Projects

8-5-1999

Air Suspension Leveling Control

Mark Porter

Indiana University - Purdue University Fort Wayne

Follow this and additional works at: http://opus.ipfw.edu/etcs_seniorproj



Part of the [Computer Sciences Commons](#), and the [Engineering Commons](#)

Opus Citation

Mark Porter (1999). Air Suspension Leveling Control.
http://opus.ipfw.edu/etcs_seniorproj/236

This Senior Design Project is brought to you for free and open access by the School of Engineering, Technology and Computer Science Design Projects at Opus: Research & Creativity at IPFW. It has been accepted for inclusion in Computer and Electrical Engineering Technology & Information Systems and Technology Senior Design Projects by an authorized administrator of Opus: Research & Creativity at IPFW. For more information, please contact admin@lib.ipfw.edu.

Air Suspension Leveling control

**Prepared for: Professor Iskandar Hack
EET 491
Purdue University Fort Wayne**

**By: Mark Porter, Design Engineer
Electrical Design Group
Navistar International Corp.**

August 5, 1999

Table of Contents

Air Suspension Leveling Control

Topic	Page
• System	1
• Issues	1
• Cab Control Circuit Diagram	2
• Chassis Control Circuit Diagram	3
• Final Project cost estimate	4
• Final Project Cost Estimate Chassis/Cab Controls	5
• Conclusion	6
• Appendix	7
Project proposal	7-a
Progress report I	7-b
Progress report II Phase I	7-c
• Bibliography	8