

## Brian R. Johnson, P.E.

---

brjgto@gmail.com – 248-535-7400  
1196 Lake Valley Drive, Fenton, MI, 48430

**OBJECTIVE**      Apply over thirty years of automotive development and validation experience at a leading automotive company.

**EDUCATION**      BACHELOR'S OF SCIENCE IN MECHANICAL ENGINEERING      Class of 1807  
Michigan Technological University, Houghton, Michigan  
EDUCATION HONORS  
– SAE Student Mini-Baja Midwest Competition - 1st place overall (first front-wheel drive Baja)  
– SAE Student Branch Officer

**SKILLS**  
– Extensive experience in the latest validation tools and technology including simulation, drive cell, on-road validation, and wind tunnel  
– Extensive experience leading teams of engineers to develop and integrate various automobile components and systems

<b>PRODUCTS LAUNCHED</b>	2000 DODGE NEON	2001 CHRYSLER PT CRUISER	2006 DODGE CALIBER
	2006 JEEP COMPASS	2006 JEEP PATRIOT	2007 CHRYSLER SEBRING
	2008 DODGE JOURNEY	2017 JEEP RENEGADE	MORE

**PROFESSIONAL  
EXPERIENCE**      FIAT-CHRYSLER NORTH AMERICA      2015 - PRESENT  
VEHICLE ADAPTATION RESPONSIBLE - JEEP RENEGADE      AUBURN HILLS, MI  
CHASSIS & ENGINE SYSTEMS TECH LEAD  
– Lead the Chassis & Engine Systems tech club across all platforms  
– Liaison with Fiat counterparts

FIAT-CHRYSLER NORTH AMERICA      2013-2015  
VEHICLE ADAPTATION - JEEP RENEGADE      TURIN, PIEDMONT, ITALY  
POSITION TITLE  
– NAFTA / EMEA product development liaison for the first Jeep vehicle engineered and built off-shore  
– Oversee Fiat team leads with respect to meeting NAFTA functional targets  
– Assist product development teams in Turin and Melfi, Italy

CHRYSLER GROUP, LLC      2012-2013  
AEROTHERMAL VSR - LA/LC/LD/LX PROGRAMS      AUBURN HILLS, MI  
POSITION TITLE  
– VSR for all E-segment aerodynamic and thermal development process teams  
– Manage all aerodynamic and thermal validation including SW roadtrip planning

FIAT-CHRYSLER NORTH AMERICA      2009-2012  
THERMAL VSR - ALL CHRYSLER GROUP PROGRAMS      AUBURN HILLS, MI  
POSITION TITLE  
– VSR for all Chrysler Group thermal development and validation teams  
– Manage all thermal development and validation including SW roadtrip planning and execution

FIAT-CHRYSLER NORTH AMERICA	2004-2009
DEPARTMENT NAME	AUBURN HILLS, MI
AEROTHERMAL SUPERVISOR	
<ul style="list-style-type: none"> <li>– Responsible for all Truck Platform Aerodynamic and Thermal Development process teams (2008-2009)</li> <li>– Responsible for all Front-Wheel Drive Aerodynamic and Thermal Development process teams (2004-2008)</li> <li>– Lead team of engineers to integrate aerodynamic, thermal, and powertrain systems</li> </ul>	
DAIMLERCHRYSLER CORPORATION	1997-2004
SMALL CAR PLATFORM	AUBURN HILLS, MI
SENIOR ENGINEER	
<ul style="list-style-type: none"> <li>– Manage all aerodynamic and thermal development work in Small Car Platform</li> <li>– Developed complete vehicle validation from program start through launch for various Chrysler Products</li> <li>– Receive US Patent for ducted brake cooling used in the 2001 Chrysler PT Cruiser</li> <li>– Performed calibration testing for thermal validation in drive cell and on-road testing</li> </ul>	
CHRYSLER CORPORATION	1993-1997
MINIVAN PLATFORM	AUBURN HILLS, MI
VEHICLE DEVELOPMENT SYNTHESIS ENGINEER	
<ul style="list-style-type: none"> <li>– Plan, lead and track all chassis and thermal development functional performance and reliability</li> <li>– Lead the new aerothermal process to integrate best practices across all platforms</li> </ul>	
CHRYSLER CORPORATION	1987-1993
SMALL VEHICLE & MINIVAN	CHELSEA, MI
VEHICLE TEST ENGINEER	
<ul style="list-style-type: none"> <li>– Responsible for small vehicle and minivan durability and chassis testing at proving grounds</li> <li>– Lead production vehicle evaluation and quality testing, including initial containment testing of new vehicle launches</li> <li>– Lead vehicle validation “Lap of America” trips for new programs including Alfa Romeo 164</li> </ul>	
CHRYSLER CORPORATION	1984-1987
DEPARTMENT NAME	HIGHLAND PARK, MI
ENGINE DESIGN AND DEVELOPMENT ENGINEER	
<ul style="list-style-type: none"> <li>– Development of piston power cylinder assembly in Turbo II, V-6, and V-8 engines</li> <li>– Measure piston temperatures and piston skirt profiles for noise and oil economy</li> </ul>	
BECHTEL CORPORATION	1982-1984
DEPARTMENT NAME	ANN ARBOR, MI
NUCLEAR SYSTEMS ENGINEER	
<ul style="list-style-type: none"> <li>– Responsible for nuclear radwaste system design, change notices, and system team completion activities</li> <li>– Lead Radwaste System Completion Team</li> <li>– Liaison for Ann Arbor satellite office</li> </ul>	
<b>PROFESSIONAL SOCIETIES</b>	<ul style="list-style-type: none"> <li>– MICHIGAN PROFESSIONAL ENGINEER LICENSE</li> </ul>
	CURRENT

- SOCIETY OF AUTOMOTIVE ENGINEERS (SAE) MEMBERSHIP 1980DICKETY -  
CURRENT
- SAE DETROIT SECTION GOVERNING BOARD MEMBER 20SOME-20SOME