

PAUL BALTUSIS

Shelby Township, Michigan 48315
www.linkedin.com/in/paul-baltusis

248.895.3708
paul.baltusis@obd-advisor.com
www.obd-advisor.com

OBD ADVISOR | YOUR ON BOARD DIAGNOSTICS EXPERT

Cradle to grave powertrain OBD expertise: Design > Implementation > Certification > Service

Interprets OBD requirements and helps design compliant systems. Broad knowledge of gasoline, diesel and alternative fuel powertrain controls and diagnostic methods that help assign the proper Diagnostic Trouble Codes for service and compliance. Intimate understanding of OBD communication requirements, with the ability to design an efficient, serviceable OBD network. Strong understanding of the OBD certification requirements and the CARB staff, allowing OBD systems approval. Ability to articulate complex issues to all internal and external business audiences. Extensive OBD experience as the spokesman for OBD at Ford.

**OBD Regulatory Planning & Direction | Diagnostic Trouble Code Assignment | OBD Certification Documentation
OBD Communications | Aftermarket OBD Certification**

PROFESSIONAL EXPERIENCE

FORD MOTOR COMPANY, Dearborn, Michigan

OBD Technical Leader

1999 to 2017

Responsible for global OBD planning and direction as well as generating OBD system technical information for certification and service.

- Manage OBD compliance plans for the US, China, Europe, Mexico, India and Brazil. Interpret OBD regulations for each country and provide technical requirements for developing compliant monitoring strategies.
- Review diagnostic strategy and assign and maintain Diagnostic Trouble Codes for all internal and supplier developed powertrain systems including gasoline, diesel, alternative fuels, hybrid, transmission and battery.
- Produce OBD certification documentation, lead discussions with regulatory agencies like CARB, EPA, China to obtain OBD approvals, participate in regulatory rulemaking process.
- Major contributor in the SAE Electrical/Electronic Diagnostic Committees developing OBD communication standards. Founding member of the SAE J1979, J2012, J2190, and J1699-3 committees, chairman of J1979 since 2009 and the document author for J1699-3.
 - Received the SAE Technical Standards Board Outstanding Contribution Award in 2006 and the 2017 James M. Crawford Technical Standards Board Outstanding Achievement Award for outstanding service in the technical committee activities of the SAE and has been an organizer for the SAE International OBD Symposium since 1999.
- Responsible for Ford/SEMA Technology Initiative which allows aftermarket producers of performance parts and alternative fuel vehicles (CNG, LPG) to obtain powertrain control calibrations that meet legal emission and OBD requirements.

ADDITIONAL FORD EXPERIENCE**OBD Development Supervisor**

Responsible for the design, development and testing of production OBD diagnostics including the phase-in of OBD-I and OBD-II in the US.

- Guided the development and production introduction of the technically challenging OBD-II regulations on the 1994 Model Year.
- Provided OBD-II technical training to Ford Customer Service Division, EPA, repair tool industry (ETI) and service technicians (STS and iATN).

Product Design Engineer

Responsible for designing engine and transmission controls for passenger cars and trucks. Introduced port fuel injection fuel controls on 1985 MY and later Ford trucks. Introduced Ford's first fully electronic transmission controls on 1989 MY passenger cars and trucks.

- Received 8 patents and the Henry Ford Technological Award developing transmission controls.

Manufacturing Process Engineer

Dearborn Engine Plant process engineer responsible for engine hot test and cold test stands and process controls.

EDUCATION

Master's in Business Administration (MBA), UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan

Bachelor of Science in Mechanical Engineering (BSME), Massachusetts Institute of Technology, Cambridge, Massachusetts