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CURRICULUM VITAE-June 2008

AUTOMOTIVE CONSULTANT/ENGINEER/FORENSIC

Professional Expertise:

Field: Vehicle Failure, Product Liability, Defect Analysis, Shop Practice
Focus: Safety Issues, Lemon Law, Service and Repair, Standard of Care

Education:

B.S. Business Administration (management). Major. **Engineering** (mechanical). Minor.

Licenses and Certifications:

- Automotive Service Excellence (ASE) **Certified Master Automotive Technician** (CMAT).
- Automotive Service Excellence (ASE) **Advanced Engine Performance** (L1).

Areas of Special Expertise:

- Vehicle Inspection for defects; root cause, road testing
- Brakes and safety systems
- Unintended acceleration
- Fire cause/origin
- Fraudulent claims
- Fleet maintenance/management/training/workplace safety
- Alternative dispute resolution
- Vehicle-related criminal cases

Memberships:

- Society of Automotive Engineers (SAE).
- Automotive Service Association (ASA).
- Skills USA (VICA) Technical Committee Advisory Board

Achievements:

- SAE Workshop; *Professional Development, Product Liability and the Engineer.*
- SAE TOPTEC Workshop; *Airbag Design and Performance.*
- SAE Professional Development Workshop; *Tire & Wheel Safety Issues.*
- **President**, *Automotive Service Councils (ASC)*, Los Angeles Area, 1993-1994
- Published Guest Editorial; A.S.A. Autolnc: *Automotive Electronics and Motor Age.*
- Published Guest Columns; *Motor Age, Repair Shop Rating System & Shop Management.*
- Advisory Board, Automotive Training Center (ATC), Los Angeles.
- Snap On Basic Scanner Seminar and Clinic.

- Snap On Anti-Lock Braking Systems Seminar and Clinic.
- I-Car Vehicle Systems Anti-Lock Brake Systems (ABS) and Air Bag Systems workshops.
- Precision Repair Systems, Inc. Suspension Damage Assessment Clinic.
- Tire Technology Workshop (TANA)
- Canon & Nikon Photography Masters Program. Evidence Photographers Council.

Selected Litigation Experience (more details available upon request):

- Defendant accused of renting unsafe vehicle with electronic cruise control defects, resulting in two fatalities. Expertise and counsel resulted in case dismissal.
- Plaintiff claimed "Lemon Law" electrical/electronic defects. Road tests, inspection and deposition provided. Electrical/engine fire. Case settled.
- Plaintiff alleged brake defects and resulting accident. Inspection, road tests, reports and deposition provided. Spoilage of evidence by defendant. Case settled.
- Inspection of gear shift selection control quadrant and determined that a defect exists allowing movement of vehicle in the neutral position and insurance company subrogation potential.
- Insured claimed brake system malfunction and resulting collision and total loss. Inspection process revealed no system defects and disproved claim.
- Insured renter claimed rack and pinion steering defect resulting in rollover and vehicle total loss. Inspection process and disassembly demonstrated proper function of steering components and no defect in system. Claim rejected.
- Plaintiff claimed poor collision damage repair. Insurance company claimed wear & tear—case settled after alternative dispute resolution.
- Prosecutor claimed no defects in brake system. Inspection for defendant revealed system defects.

Prior Assignments/ Example/Summary:

- Odometer turn back/rollback fraud. Used car fraudulent sale.
- Class A Recreational Vehicle overheating, engine damage, Lemon Law.
- Van conversions and product liability defects.
- Factory supercharged engine and excessive oil consumption.
- New car defects; defective batteries, toxic smells, toxic/hazardous content.
- Lemon Law; Interior noise level, suspension noises,
- Unintended acceleration; various vehicles/trucks; stalling and accidents.
- Body or chassis floorpan defect, two fatalities.
- Vehicle fires-cause and origin.
- Brake system and ABS defects, failure; brake noises/squeal.
- Defective steering. Defective suspension-squeaks&rattles.
- Personal Injury - Automotive Service Shop. Defective autolift.
- Supplemental Restraint Systems (SRS) airbags & seat belts. Failure to deploy, inadvertent deployment, improper service.
- Undisclosed pre-owned vehicle collision damage-frame and chassis defects.
- Bogus claims including vandalism – hit and run – theft – fire-collision.
- Defective, improper service and incompetent repairs.
- Service department billing and payroll practice.
- Defective tires and wheels.
- Undisclosed previous water and flood damage. Interior water leaks.

- Rollover, collisions and vehicle defects.
- Engine and Powertrain defects – new/used car-automatic transmission defects.
- Fleet maintenance negligence; personal injury to truck renter, fire & property damage.
- Shop safety and battery explosion.
- Lubrication-oil sludge; leaks and fire hazard. oil filter performance.
- Asbestos Hazard-personal injury, repair shop and parts supplier.
- Denial/rejection of insurance claims.

Supplemental Information: Relevant Background Experience

- Fifteen years of professional Forensic Vehicle Inspection; including root cause defect analysis, interviews and reports of related parties, research, preparation of evidence and testimony.
- Los Angeles County, Internal Services Division: *Contract Monitor*; Inspect and audit vehicle repair procedures, shop and technician safety and vehicle performance, by vendor. 1999-2000
- U.S. Army Europe; two years rebuilding of *military wheeled vehicles & components*, including Jeeps to five ton tractors; *inspection, reports and testing* of vehicle performance and maintenance requirements.
- Motorsports & Competition; including competition driving in rallyes, drag racing and road racing. *Crew chief*; managed and trained technicians for competition programs/projects.
- Motorcar *dealership technician*, salesman and service management.
- Parts department management; locating special vendor service providers and component suppliers worldwide. Al Axelrod *Foreign Car Service*
- *Advisor*, Automotive Trade School (8 years); student technical and soft skills requirements.
- Organized & presented at various training seminars & workshops for consumer car maintenance (further information available upon request).
- Organized & performed SAE seminars for technician training; hybrid vehicles, technical information access and shop management.
- Co-authored a recent published book, 2007: Title; *Ford GT40 and the New Ford GT*
- Prepared various special interest exotic collector cars for Concours de'Elegance Worldwide travel to automotive museums, collections and manufacturing facilities.

Personal

- Postgraduate credits; Counseling Psychology & training courses in life management skills.
- Expert skier, worldwide, including competition race success.
- Travels to: South East Asia including Japan, Singapore, and Indonesia; Eastern & Western Europe; Russia; Middle East including Egypt, Israel, Greece, Turkey; Canada, Mexico, Hawaii.
- Health and fitness college level for credit courses (UCLA).