Collision Magazine Volumes

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- Wesley Vandiver, Robert Anderson: Crash-ol-o-gy: Introducing Toyota Vehicle Control History
- W. R. Rusty Haight, Robert Anderson: Toyota Gen1 EDR Event Recording Logic
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- Nathan Rose, William Bortlies, Neal Carter: Motorcycle Accident Reconstruction: Applicable Error Rates for Struck Vehicle EDR-Reported Delta-V
- Craig Proctor-Parker: Documenting A High Speed, Rear End, Partial Overlap, Crash Test Of A Large Sedan & Stationary Commercial Trailer

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- Robert D Anderson: Estimated Likelihood Of Obtaining The Non-Deployment Event Of Interest And Pre-Crash Data Guide For The Toyota Gen1 Airbag Control Modules
- Tim Austin: Revisiting Caterpillar ECMs
- Shanon R. Burgess, William F. Messerschmidt: Forensic Methods for Dealing with Damaged ACM/ECM Components
- Bobby J Mullinax: Reconstruction From Body Worn Camera Videos
- Jai Singh: Residual Damage Based Accident Reconstruction: Accounting For Mismatched Residual Damage Profiles
- Thomas Barth: A Summary of Recent NTSB Highway Crash Investigation Products
- W. R. Rusty Haight: Crash Data Access and Authority: Consent, Court Orders, and more

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- Peter J. Leiss, Steven Becker and Gary Derian: Tire Friction Comparison of Three Tire Types in Warm and Near Freezing Temperatures
- Erik Carlsson: My turn at the wheel: a dirty trick to achieve the desired result, or what?
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- Luis Flores: Autonomous Vehicle Technology: Looking One, Five, and Fifteen Years into The Future. An Accident Reconstructionist’s Perspective
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- Chad McFadden: Fast approach to building solid cases: laser scanning provides important benefits for investigator
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- Erik Carlsson: My Turn At The Wheel: Principal Direction of Force Real or Abstract?
- 2106 ARC-CSI Crash Team Boot Camp: Gary Davis, Andre Doria, Michael Morris, and Randy Eldridge: Impact Speed Determination in a Head-On Crash using Bayesian Networks
- Rudy Limpert, Ph.D.: Low-Speed Rear-End Crash Analysis MARC1 Use in Test Data Analysis and Crash Reconstruction
- Robert D. Anderson, Michelle R. Hoffman, Russell L. Anderson and Michael Rosenfield: Piston-Type Bumper Isolator Compression versus Delta-V in Bumper-to-Barrier and Bumper-to-Bumper Impacts
- Nathan Rose and Neal Carter: The Longevity of Scene Evidence from a Rollover A Case Study
- W. R. Rusty Haight: Evaluating Crash Data from late model GM vehicles

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- Erik Carlsson: My Turn at the Wheel: Be Careful With What You Ask For, It Might Bite You!
- Larry Trojak: Streamlining Accident Investigation
- Nathan Rose, Neal Carter, John Kreisher, Martin Randolph, William Neale and David Danaher: How Accurate Are Witness Distance Estimates Given in Car Lenghts?
- Rusty Haight: Release Version History of Bosch CDR Tool Software
- Rusty Haight: CASE STUDY: Crash Data Case Problem with Solutions

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- Ben Lemere: The Rest of the Story
- Lawrence A. Wilson and Sean Haight: Kinematics of Braced, Un-braced, and Out-of-position Occupants in Low-speed Bumper-to-bumper Rear Impacts
- Erik Carlsson: My Turn at the Wheel: Don't Look Too Closely
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- William C. Fischer: Errors and Uncertainty in Deriving Speed Estimates from Skid Tests Taken at Accident Scenes
- Erik Carlsson: My Turn At the Wheel: A DIRTY TRICK BY A LAW OF PHYSICS, OR WHAT?
- Michael T. Vecchio: Analysis and Performance of a Booster Seated 6 Year Old HIII Anthropomorphic Test Device When Utilizing Seat Belt Cinching For Lap Slack Control
- Jai Singh: A Method to Establish Delta-V and Collision Force in a Two-Vehicle Collinear Collision where Stiffness Data for One of the Vehicles is not Available
- Adam Cybanski: Video-Based Accident Reconstruction of TransAsia Flight
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- Clinton Marquardt: How Long Can You Stay Awake?
- Lissette Ruberte, Susan Lantz, Robert Thompson, Michael Chan, Bobby Clemence, Greg Dycus, Mitchell Burton, Brian Chan, Terry Wong, Billy Cox: Low Velocity Piston Isolator Testing of a Ford Crown Victoria
- C. Brian Moody, Orion P. Keifer, Bradley C. Reckamp, Wes Richardson: Vehicle Dynamics and Resultant Occupant Accelerations Caused by Vehicle Wheel Separation
- W.R. Rusty Haight: CDR Report Data from Vehicles Subject to the GM Ignition Switch Recall with the "Epsilon" ACM
- Oren Masory, Wade Bartlett, Bill Wright: Determination of Motorcycle Pre-Collision Speed

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- Erik Carlsson: My Turn At the Wheel: An Amazing Speed Computation
- Nathan A. Rose, Neal Carter, David Pentecost: Analysis of Motorcycle and Rider Limits on a Curve
- Dan H. Wyatt: Signs of a Wreck: How to Spot a Rolling Disaster
- Rusty Haight, Sean Haight: Signs of a Wreck: Testing and Simulation
- James D English: Validating Crash Data Retrieval Tool Data through Crash Testing

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- David Hallman: Differentiating Potentially Causal Precrash Component Damage from Crash Damage
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- William Brem and Wayne Denham: Evidence Sometimes Overlooked During Vehicle Inspections
- Rusty Haight, Shawn Gyorke and Sean Haight: Hyundai and Kia Crash Data: the Indispensable Compendium
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- Jai Singh: Further Developments Regarding the Dynamic Modeling of Motor Vehicle Collision Response Using the SDOF Approach
- Rusty Haight, Shawn Gyorke, and Sean Haight: Hyundai and Kia Crash Data – A Preliminary Overview
- Jeff Cardita: The Effect of Tinted Headlights. A Look Into the Level of Light Diminishment Headlights Experience When a Tint is Applied to the Headlight
- Joel Salinas: Laser Scanning for Crash Reconstruction
- Wesley Vandiver, Isaac Ikram and Bryan Randles: Validation and Use of EDR Data from a Non-CDR Supported Vehicle in a Criminal Prosecution Case
- Adam M. Hyde and Roger W. Barrette: Investigation of Traffic Crashes Involving the Inhalation of Difluoroethane
- David M. Little, Cst. Rob Joiner and Cpl. Stephen Hilliard: Accuracy of GPS Speed and Location Data Measured in Emergency Vehicles
- Reader Commentary on a Previously Published Article

2012

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- Erik Carlsson: My Turn At The Wheel: How To Use The Combined Speed Formula, Or Not!
- Jeffrey Suway, Anthony Cornetto, John Swanson, Fawzi Bayan, Ronny Wahba and Alfred Cipriani: A Comparison Between A Real World Crash Test, HVE Simulation and 3D Scanning
- Timothy Austin, William Messerschmidt, And Michael Farrell: Using & Preserving HVEDR Diagnostic Event Data
- Oren Masory and Nicolas Putod: Determination of Impact Force and Crush Energy Using Abductive Networks
- W. R. Rusty Haight and Sean H. Haight: Analysis and Application Of Rollover Data From Testing
- Juan M. Herrera and Anselmo Najera G.: Determination of Vehicle Orientation at Ground Contact for Rollover Accidents
- Ray Turner: School Bus Submergence Collision Investigation and Passenger Survivability
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- James D. English, John Howell, C. Bruce Gambardella, Bob Lynn and Jeff Bangle: Crash Team Boot Camp - Crash Test Data Review
- Daniel W. Vomhof III: FORCE-BALANCE: Application of the Tool for the Determination of Closing Speeds
- John Howell and Mario Alfonso: Yaw Marks: Past And Present

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- Brad R. Shults: A Method for Creating Photograph Textured Planes and Camera Positions in HVE Simulations
- Roger W. Barrette, MSE: Using the Monte Carlo Method with Crash Event Data
- Richard R. Ruth, P.E.: Accuracy of Toyota Event Data Recorders
- William J. Melkonian, D.A.: Becoming an Effective Expert Witness
- Jerry S. Ogden, PE, Mathew Martonovich, EI, Zachariah Weimer, PE, Katrina M. Kloberdanz, PE: Information Analysis for the Collision Analyst
- Ray Wangler: CDR Data from more than One Car? Fitting it all together
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- Kent Boots: Toyota, Lexus, and Scion CDR Coverage
- M. Branch, R. Matthew Brach, Jarrod Carter, Joseph March, Donald Parker, Chris Van Ed, and Michael Varat: Opinion: Peer Review
- Nathan A. Rose, William T.C. Neale, Neal R. Carter: Using Data from a DriveCam Video Event Recorder to Reconstruct a Hard Braking Event

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- Francisco Klein: Fundamentals of Highway and Roadside Design for the Accident Reconstruction Specialist
- Bruno Schmidt, Michelle Beach: Eccentric Collisions and Post-Impact Motion - Busting a Myth
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- W.R. Rusty Haight: Peer Reviewed Papers, the SAE and Collision Magazine Mutually Exclusive Concepts?
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- Wade Bartlett: Estimating Maximum Motorcycle Acceleration Rates
- Charlie Greee, David Thornburg, and Lee DeChant: The Speed Triangle: Momentum, Energy and PCM Data
- William Messerschmidt, Benjamin Smith, and Al Dunn: Applying Heavy Vehicle EDR Data in the Real World
- Donald F. Tandy, Jr., Jason Colborn, Robert J. Pascarella, Todd D. Hoover: An Accident Reconstructionist’s Primer on: Tire and Wheel Rim Marks at Crash Scenes
- W. R. "Rusty" Haight: Using CDR System Data in Crash Reconstruction or What Does the Term "Complete Reconstruction" Really Mean?
- Timothy J. Reust: GPS Navigation Units: Recorded Data for Use in Accident Reconstruction
- Martin Werz and David Bliss: The Performance of Seat Backs in High Speed Rear Impacts and the Effect to the Occupant
- Michael L. Merolli, David O. Brink, and Andrew T. Apjohn: Insurance Applications for Crash Data Retrieval: Legal Considerations in 2011
- Gary M. Johnson: Preserving Heavy Truck Event Data
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- Brad Muir And Jon Northrup: Devices For Accident Reconstruction Testing Beyond The Drag Factor
- Robert D. Anderson: Post-Collision Speedometer Readings And Vehicle Impact Speeds
- David A. Stopper, Phillip D. Darnell And Christopher C. Voeglie: Determining A "Best Effort" Heavy Truck Acceleration Rate Based On Time, Weight & Distance
- Christopher J. Brignola: Light Bulb Filament Analysis From The 2010 ARC-CSI Crash Conference
- Donald Floyd: Crash Data Collection Guide For GM Airbag Electronic Control Units
- Bruno Schmidt: Time Development Of Delta-V Recording And PDOF During A Collision
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- Robert Miller: The Butterfly Effect Of Crash Investigations
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- Michael Merolli, David Brink, Patrick Conran, and Jasmine Garcia-Vieux: Insurance Applications for Crash Data Retrieval, Legal Considerations
- George Hall: CDR Evidence Suppressed by Oklahoma Court
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- Nathan Rose: A Variable Deceleration Rate Approach to Rollover Crash Reconstruction
- Bruce McNally: Retrieving and Interpreting Data from Ford Powertrain Control Modules using the Bosch Crash Data Retrieval Tool
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- Brad Muir: The latest CDR System Data from GM Vehicles Update
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- Chuck Veppert: ACM Reprogramming
- Gary Johnson: Signal Processing Applied to Vehicle Speed Measurement and Recording
- Richard Ruth & Tim Reust: Accuracy of Selected 2008 Chrysler ACM EDR’s During Braking
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- William Belisle: Ranges of Safety Provided by Safety Technologies Used For Reducing Motorcycle Crashes, Fatalities, Injuries and Loss
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- Sean Haight: Basic Integral Calculus for Crash Reconstruction
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- Greg Russell: CASE STUDY: 2 in 3 Out Revisited (follow-up from Volume 1, Issue 2)
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- Jai Singh, BS, MS, ACTAR, John Perry, PhD, Judson Welcher BS, MS, ACTAR: Single Point Crush Variation
- Timothy Erhardt: Vehicle Fires and Airbag Modules
- Brad Muir: Comparing Different Sources of CDR Data to "Real World" Crashes
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- David M. Little: Cable Options for the "CDR System Handyman"
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- Timothy Reust, James Morgan, Richard Ruth: The Accuracy of Speed Recorded by a Ford PCM and the Effects of Brake, Yaw and other Factors
- Richard Ruth, Timothy Reust: Dynamic Accuracy of Powertrain Control Module (PCM) Event Data Recorders During ABS Braking
- Wade Bartlett: Getting Data From Destroyed SDMs: Transferring EEPROMs Between Modules
- Rusty Haight, Sean Haight: CASE STUDY: The "trampoline Effect" in Reconstruction

2007

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- Bob Galvin: Vehicle Crush Measuring: Helpful For Extracting Key Details Of Crash Scenes Part II
- Jai Singh, BS, MS, John Perry, PhD.: Implications of Symmetric Sine-Based Collision Pulse Models on Force-Deflection Characteristics: (Part 1)
- Kevin Adkins: Quantifying the Aerodynamic Forces Acting on a Vehicle and Projectile
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2006

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- Timothy Reust: Deceleration Rates of Modern Passenger Vehicles During Straight Line Braking and Yaw Events
- David Dye: Identification of Unusual Tire Marks at the Scene of a Motor Vehicle Collision
- Gary Lewis: Motorcycle Crash Investigation: Performance Testing and Review of Previous Studies
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- Greg Russell, Rusty Haight, Brad Muir: CASE STUDY: 2 in 3 out - Analyzing the Collision

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- Weston Brown: Analysis of the GM Sensing and Diagnostic Module in 360 degree Linear Momentum Collisions
- Guy Barbera, Olof Jacobson, Bastiaan Cornelissen, Christopher Thomas, Donald Anderson: Motor Vehicle Event Data Recorders Validation and Use of Data for Admission to the Court
- Chuck Veppert: A Review of Various ACM Module Types and Data Recorded
- William Messerschmidt: Rational Legislative and Organizational Policy for Automotive Event Data Recorders
- George J. Hall, P.E.: Practical Aspects of Crash Data Retrieval Using the Vetronix (Bosch) System
- Roman F. Beck, David A. Casteel, Ed Phillips, Jerry Eubanks, Doug English: Motorcycle Collinear Collisions Involving Motor Vehicles Equipped with Event Data Recorders
- Rusty Haight, Brad Muir: CASE STUDY: Knowing What to Look For and Where to Find It