



## INJURY BIOMECHANICS & ACCIDENT RECONSTRUCTION



### EVENT DATA RECORDER “BLACK BOX” DOWNLOADS IN ACCIDENT RECONSTRUCTION

Vector Scientific, Inc. (VSI) regularly downloads Event Data Recorders (EDR) as part of our accident investigations. VSI Senior Engineer Zach Weimer, M.S. has also co-authored a publication on EDR evidence preservation related to accident reconstruction.

In moderate and high-speed collisions it is well known that EDRs can provide valuable insight into the vehicle dynamics before and during the collision (e.g. speed, braking, velocity change, acceleration profile, seat belt use, etc.). We are often able to gather that same information following low-speed collisions. Additionally, newer vehicles must comply with federal regulations, providing key information about the collision severity even when there is a lack of data.

VSI strongly encourages preserving evidence in a timely matter after a collision as a vehicle can be quickly sold, salvaged, or destroyed.

### CERTIFIED BOSCH CRASH DATA RETRIEVAL (GDR) TECHNICIANS



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