Crash Data Retrieval System

The Bosch Crash Data Retrieval (CDR) System is a court proven evidence collection tool that allows the Professional Analysis team investigating vehicle crashes the opportunity to image crucial crash data parameters, leading up to and during a crash, from a vehicle that has been in an accident. This crash data, which is stored in the vehicle's airbag control module (ACM), or event data recorder (EDR), may be used to make informed decisions about the accident based on the crash data "imaged" from the vehicle in question.

Crash Data Retrieval:

- is NOT a "crash data recorder"
- is NOT a "Black Box"
- is NOT something installed in a vehicle
- does NOT track driver's "habits" or locations
- is NOT a tool to "reset", "remove", or "modify" data stored in the EDR

An Event Data Recorder (EDR) is a function or device installed in a motor vehicle to record technical vehicle and occupant information for a very brief period of time before, during, and after a crash solely for the purpose of monitoring and assessing vehicle safety system performance.

After a vehicle module's primary functions are complete, and where appropriate thresholds are met, data may be recorded as part of the "Event Data Recorder" (EDR) functionality or capability. An "EDR" is not a stand-alone device and the data may not always be recorded.

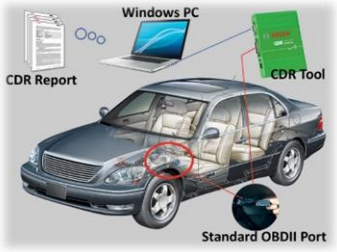
EDRs may record:

- information, but only after some physical event like a crash
- vehicle dynamics information and system status for about 5 seconds before a crash
- certain driver inputs for about 5 seconds before a crash
- vehicle crash severity signature
- restraint use and deployment related information
- post-crash data such as the activation of an automatic collision notification (ACN) system

EDRs DO NOT record:

- the name of the driver
- audio or video of the crash
- names or the identity of passenger(s)
- the places the car has been driven
- information unless there's been a physical occurrence like a crash

The use of EDR data in civil and criminal court cases is on the rise as the data has become more accepted as a source of reliable, empirical evidence.



Benefits of imaging vehicle crash data include obtaining:

- Accelerator pedal position
- Airbag deployment times
- Brake pedal status
- Delta-V (impact severity)
- Order of impacts, if multiple
- Pre-crash vehicle data (up to 5 seconds prior)
- Seat belt status and occupant presence
- Steering wheel angle
- Valuable crash evidence stored in the vehicle
- Vehicle speed

Most major manufacturers are available for download. Please contact Professional Analysis and Consulting for a complete list of vehicle models covered.

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