Bosch is the world leader in Event Data Recorder (EDR) information and imaging technology.

Bosch Crash Data Retrieval (CDR) products have been trusted internationally by law enforcement, crash investigators, auto manufacturers, insurance companies, fleet and government agencies to access Event Data Recorder (EDR) information since 2000.

Event Data Recorders that store crash data are factory installed in many vehicles on the road today. The EDR is typically a function of the airbag or other safety system of the vehicle. The CDR Tool simply reads the information that is stored in the EDR of the vehicle and provides the crash information in the form of a CDR report.

Bosch is the only company to offer a commercially available tool that can provide access to critical vehicle crash EDR data from multiple car manufacturers.

Examples of Crash Data parameters
- Vehicle speed
- Brake status
- Steering wheel angle
- Crash severity (delta-V)
- Seat belt status
- Engine throttle
- Accelerator pedal position
- Transmission gear position
- Airbag deployment data
- Occupant detection information

Easily image crash and pre-crash data to fully understand the accident

CDR products are only available for purchase in certain regions of the world:
- USA and Canada: Crash Data Group www.cdr-system.com
- Africa: Ibb Engineering GmbH www.ibb-engineering.org
- Australia and New Zealand: Bosch Diagnostics www.bosch.com.au
- Europe and Middle East (two distributors): asDARTS InH. Andreas Huber www.asDARTS.com
- IbB Engineering GmbH www.ibb-engineering.org
Choose the CDR Tool configuration that fits your needs and budget

**CDR Tool DLC Kit**

The CDR DLC Kit is an entry level kit which includes the CDR Tool and most cables and components needed to image EDR (Event Data Recorder) data directly from the DLC (Diagnostic Link Connector) of the supported vehicles. CDR software (sold separately) and a Windows based PC (not included) is required to operate the CDR Tool and image crash data.

**CDR D2M Cables and Adapters**

CDR D2M (direct-to-module) cables and adapters are used to connect the CDR Tool directly to the vehicle module that stores EDR information. After a severe crash, the vehicle’s electrical system may be compromised or damaged and the data may not be accessible through the standard DLC connector. The D2M cables and adapters are available individually or bundled in separate D2M Kits.

**Examples CDR Report Parameters**

<table>
<thead>
<tr>
<th>Pre-Crash Data -5 to 0 sec</th>
<th>Time Stamp (sec)</th>
<th>Vehicle Speed (MPH)</th>
<th>Engine Speed (RPM)</th>
<th>Service Brake (On, Off)</th>
<th>Steering Wheel Angle (degrees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-5</td>
<td>92</td>
<td>3574</td>
<td>ON</td>
<td>-2</td>
<td></td>
</tr>
<tr>
<td>-4</td>
<td>86</td>
<td>3382</td>
<td>ON</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>-3</td>
<td>82</td>
<td>3190</td>
<td>ON</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>-2</td>
<td>79</td>
<td>3190</td>
<td>OFF</td>
<td>-12</td>
<td></td>
</tr>
<tr>
<td>-1</td>
<td>79</td>
<td>3062</td>
<td>OFF</td>
<td>-48</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>72</td>
<td>2788</td>
<td>ON</td>
<td>-37</td>
<td></td>
</tr>
</tbody>
</table>

**System Status at Deployment**

| AllBag Warning Lamp Status | ON |
| Driver’s Belt Switch Status | Buckled |
| Passenger’s Belt Switch Status | Buckled |
| Passenger’s Seat Position Switch Status | Rearward |
| Ignition Cycle Count at Deployment | 2767 |
| Ignition Cycle Count at Download | 2769 |
| Maximum Recorded Velocity Change (MPH) | -35.98 |

**Admissibility**

- CDR reports have a proven track record of admissibility in both civil and criminal cases.

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