



# Australian CDR Summit

Penrith, Sydney NSW

23 September – 4 October 2013

All training for the Australian CDR Summit is being provided by approved Bosch CDR Trainers Brad Muir and Jon Northrup of Crash Data Specialists LLC, who over the past 2 years, have been instrumental in assisting with the expansion of CDR technology and education to the Australian Market.

## CDR Operators Course

Friday, 27 September 2013

This 8-hour course of instruction is the entry-level class for those new to the Bosch Crash Data Retrieval System, equivalent to "Technician 1 and 2" level classes offered by others. Ideally this training should be completed before using the CDR System for the first time. The basics of operation will be covered including: determining if the subject vehicle is CDR supported, selecting the appropriate method of connection to safely image the data, loading and operating the CDR software application, saving the imaged data and creation of reports for later use.

Individual course topics include:

- CDR System components and minimum computer system requirements
- Installation / configuration of the CDR software
- Determining if subject vehicle is a CDR supported vehicle and which electronic modules may be accessed by the CDR system
- Selecting the best method of access, through in vehicle (DLC) connection, direct to module (on vehicle) and bench-top (out of vehicle) access
- An emphasis will be placed on DLC access wherever possible with an explanation of the potential impacts of direct to module access
- CDR System components including DLC cables, direct to module cables and add-on adapters that may be required for specific vehicles and to assemble for use
- Software operation including step-by-step guides and nuances
- Video Tutorials of key sections will available in a class "DropBox" folder for individual student use
- Trouble-shooting steps for common error messages
- Trouble-shooting on-vehicle connections including "back-powering" through the fuse box basics and available tools
- Saving CDR imaged data for later use
- Report generation
- Basic awareness of legal issues surrounding access
- An introduction to backpowering methods is covered in detail including how to access needed resource material such vehicle owner's manuals, fuse block and fuse locations
- Required tools for accessing modules, as well as required equipment for back-powering modules through the fuse box is covered in detail including sources where required equipment may be purchased
- Example modules will be available in class for attendee's to download as practice
- Practice backpowering techniques. Where time allows, backpowering techniques will be demonstrated and practiced on vehicles at class, or during the rest of the Summit for those attending
- Hyundai and Kia EDR Tool operations