



Department of the Environment
Vehicle Emissions Inspection Program

Training Class Information

CSU October 2012 OBD Diagnostic and Repair Case Studies

The **FREE** training class “**OBD Diagnostic and Repair Case Studies**” will be taught by Jim Kemper and Randy Bernklau of Colorado State University on Saturday October 13th and Monday October 15th. The times for the dates are as follows:

Saturday, October 13 8 AM -12 Noon **or** 1 PM – 5 PM
Monday, October 15 1 PM – 5 PM **or** 6 PM – 10PM

This course will build upon previous MDE training courses on emissions. As part of the class the following topic areas will be discussed:

1. Case studies in diagnosis of P0420 DTCs;
2. Diagnostic tips for wideband AFR sensors;
3. Diagnostic tips and case studies using fuel trim;
4. Update on E15 ethanol fuel status

Please contact Margie Wise with MDE to register for this course. She may be reached at (410) 537-3197 or by e-mail mwise@mde.state.md.us. **All of the training sessions will cover the same material.** This training will be held at MDE headquarters in Baltimore. For directions to MDE please call (410) 537-3000 or please visit the following website.

www.mde.state.md.us/aboutmde/DirectionstoMDE/Pages/AboutMDE/Directions/index.aspx