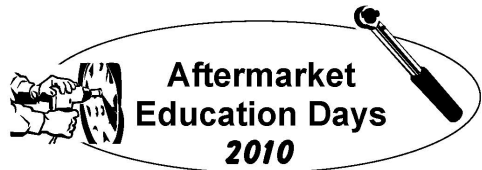




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ATTENTION: techs, shop owners/mgrs & service advisors



Member fee is extended to members of all local aftermarket associations.

Register TODAY!

About 18,000 techs work in our region. Class size is about 25.

To register, complete the information below for each person attending. Copy this form for additional attendees.

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Asian & Euro Evap Op & Leak Diagnostics (Instructor: Luis Ruiz)

Saturday, March 13, 2010—Montgomery Col/Rockville, MD 8:30am—11:30am \$ _____

When combined with below: \$149 member*/\$199 non-member. Single class: \$99 each/\$149 non-mbr, Lunch included in full-day reg.

*This course is to help you simplify and diagnose EVAP systems on the most popular European and Asian vehicles. BMW, Volvo, Volkswagen, Audi, Toyota/Lexus/Scion, Honda/Acura and others will be covered. Commons codes such as P0456 (very small leak), P0442 (small leak) P0455 (large leak), P1456 (tank area leak), P1457 (canister area leak), plus many more, will be covered in a **wire by wire** format, to make sure nothing is left out. Examples of components to be covered are DM-TL, LDP, ORVR, Canister Pump Module, Vacuum and Pressure Pumps, canister purge and vent solenoids. Voltage and current specifications not in or easily found in service information systems for VSV, FTP,CCV,VCV and more will be detailed in this course. The types of systems that will be covered are everything from vacuum decay, natural pressure build-up, and the latest **Key Off EVAP** (car not running) technologies.*

Wide Band O2/Broad Band Planar & Wide Ratio Air Fuel Sensor Testing (Instructor: Luis Ruiz)

Saturday, March 13, 2010—Montgomery Col/Rockville, MD 12:30pm—4pm \$ _____

When combined with above: \$149 member*/\$199 non-member. Single class: \$99 each/\$149 non-mbr, Lunch included in full-day reg.

Most manufacturers are now using some type of these sensors. The purpose of these sensors is to verify fuel control under a wider range of rich and lean conditions that conventional O2 sensors can't accomplish. These sensors are typically very expensive to replace and can be difficult to diagnose with out a factory scanner. This class will show you how to diagnose with meters, labsopes, and the scanners that you already use. We will cover the Bosch, NTK, Denso, Toyota, GM., Nissan, Honda and many more versions of this sensor. Single cell and dual pump current types will be covered. Come and see how Zirconia and Planar O2 sensors achieve this task. Don't miss out on diffusion gap/chamber diagnostics!

Luis Ruiz is an on-site troubleshooter, instructor and hotline tech for Mechanic's Education Association (MEA) in Maplewood NJ. He is an ASE Master L1 Tech with experience in independent repair shops and tech troubleshooting support hotlines.



Nissan Driveability (Instructor: Dan Marinucci)

Saturday, April 10, 2010—Montgomery Col/Rockville, MD 8:30am—4pm \$149 member*/\$199 non-member. \$ _____

(Lunch is included)

Nissan may be the Rodney Dangerfield of Japanese EFI systems - it just doesn't get enough respect. Dan clears up confusing aspects of its self-diagnostics and some unusual sensors. He also shows you trouble areas you might not otherwise see.

Dan Marinucci has taught auto tech topics professionally since 1993. He began a journalism career after graduating from Penn State and has been a regular contributor to Motor magazine and Tire Business magazine for many years.



Special Offer: Register for all 3 classes (2 days) for \$275

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