

Visit MEAttraining.com for computer class details

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1989

Classroom and On-Line Classes

2009



"We consolidate some of what we learn from our Live Tech Support Hot Line and some of our Real World on-the-job training, Tech Van Fixes, into each MEA Class – On-Line and Classroom"

*MEA Technical Training Director
Dave Scaler*

MEA Office: 908-496-0059

MEA also offers ALL NJ State ETEP & DMV Classes

July Class Calendar

All Conventional Classes are at the Maplewood Location unless otherwise indicated

Monday	Tuesday	Wednesday	Thursday
6 Call to Register For ALL Classes Internet and Conventional (973) 426-9001	7 MEA is Going Paperless Get on the E-mail List	8 Evening Internet Class Today 8:00 ó 8:30 FORD Computer Controlled Charging System NEW	9 QUICK AND ACCURATE Quick and Accurate Sensor Testing UPDATED
13 Lunchtime Internet Class Today 12:00 ó 12:30 GM PASSKEY II ANTI-THEFT SYSTEMS	14 CALL FOR NJ INSPECTOR UPDATE CLASSES 973-761-7420	15 Understanding AIR BAG Systems	16 "Hands On" MODIS Labscope Testing
20 ALL INTERNET CLASSES NO EXTRA COST TO MEA MEMBERS	21 ELECTRONIC THROTTLE OPERATION AND TESTING NEW	22 Evening Internet Class Today 8:00 ó 8:30 I Can't Get The Monitors To Run NEW	WE NEED DIESEL PARTS! If you have them Please save them For Us
27 VW UPDATED TDI Diesel Are You Ready For Diesel Inspections?	28 MEA TRAINING ON YOUR PC Visit www.MEAttraining.com	29 CALL FOR NJ EMISSION REPAIR UPDATE CLASSES 973-761-7420	30 Evening Internet Class Today 8:00 ó 8:30 GM Integrated Wipers NEW

MEA Members Only Calendar

1805 Springfield Avenue Maplewood NJ 07040

July 2009

CALL To Register
For classes
(973) 426-9001

Hotline hours are from 9am to 5pm Monday through Friday Classes are from 7pm to

INTERNET

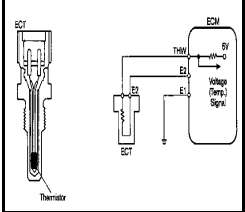


Wed. July 8th NEW!! Evening Internet Class FORD Computer Controlled Charging Systems

Distance Learning – Learn On-Line

Fixing a FORD computer controlled charging system has never been easier now that MEA has a class. The course will cover Generator Field Signal Monitor, Gen Com, FR, LI, Generator Field Control Output, Gen Mon, Gen Cmd, and RC. This course will also cover complete testing of charging Circuit from PCM to Alternator and How to make sure you have the correct alternator. Common failures and MEA Only+ specifications makes this class a must attend.

Updated!!



Thurs. July 9th Quick and Accurate Sensor Testing

Learn how to test sensors quickly and accurately. Most sensor tests in this course can be performed in less than 60 seconds, using our proven techniques. Highlights Include: Do you how to KNOW you have contaminated MAF? Chrysler MAP calibration tests, TPS simulation tests for ALL Makes, Coolant and Air Temp quick tests for All makes! Frequency based testing of FORD MAP sensors, Latest O2 sensor testing, including Zirconia and Titania. O2 testing OBDII CMOS sensor testing Advantage of using your

INTERNET



Mon. July 13th Lunchtime Internet Class GM Passkey II Anti Theft Systems

Distance Learning – Learn On-Line

This MEA Webinar will look at the most common failures of the GM Passkey II system. Learn how high failure GM theft system works and how to diagnosis it. Also the procedures to Re-Learn the system after repairs or when keys are lost. Pass key I and Pass Key III will also be highlighted as well as the evolution of GM anti-theft. Don't miss it!!

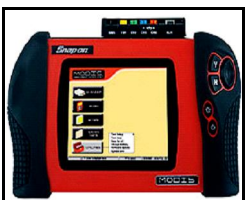
ALL LEVELS!



Weds. July 15th Air Bags Systems & Diagnosis

Whether you are changing a turn signal switch, a steering rack, or the maybe the car has Air Bag light on and it was NOT involved in an accident. This course will give you a complete understanding of How , why and when they work. Including removing the myths and misconceptions surrounding air bag service. Diagnosis and testing of Domestic and Import systems. Highlights: Air Bag Squibs, Initiators, Arming and Safing Sensors, DERMs, Shorting Bars, Spiral Springs, Firing Circuit Diagnosis, Manual Deployment, Disposal, Air Bag Simulation, DTCs, and more

HANDS-ON



Thursday July 16th Hands-On 'Modis' Labscope Testing

Learn the latest techniques for using the labscope in your Modis. Bring your scope with you and get the opportunity to get real Hands-on training from one of our Labscope experts. Highlights include: proper lab scope set-up, waveform and pattern interpretation, when to choose AC or DC coupling, trigger levels, trigger slope, dual tracing, glitch capture. Other topics include: Understanding when a scope is required, things to consider if you are planning to purchase a scope, how to set up the scope so you are comfortable with the readings you take. This course is also

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All Levels!	Tues. July 21st Electronic Throttle Systems Operation and Testing
“FLY BY WIRE”	All Newer Vehicles are coming equipped with Electronic Throttle System, sometimes called Fly By Wire. This class will cover multiple systems from Ford, GM, Nissan, Toyota and More. APP sensors, TPS sensors, TAC Modules, H-Bridge, and Throttle Bodies will be covered in detail. Testing and operation off all components will be covered as well as cleaning throttle bodies and relearning idle speed will be covered. This is a class you should attend.

INTERNET	Wed. July 22nd Evening Internet Can't Get The Monitors To Run!
OBD II MONITORS ONE HOUR WEBINAR	Distance Learning – Learn On-Line Did you ever have a car that refused to run the monitors? This class will cover the proper procedures for running the monitors, and how to find them? Sometime cars will go thousands of miles and still the monitors will say Not ready. We will also cover some of the reasons why, as well as tips and tricks to getting the monitors to run. If you are a driveability tech who has ever has the impossible to run monitors, or you are the person responsible to get a car ready for a state inspection program, this class is for you.

INTERNET	Mon. July 27th VW TDI – Are You Ready For Diesel Inspection
	Although this is a stand-alone class it is a great follow-up to our VW Motronic class. We will cover the following items and more: mechanical and Injection Pump timing procedures. Glow plug system testing and diagnosis, including the common P0380 OBD II code. Learn what is commonly called Coolant glow plugs, their description and operation as well as testing. You will get an inside view of the complete Turbo System with diagnosis of all components. As with all of our Engine Performance classes we will cover any inputs or outputs that are common failures. In this instance we will dig into the problems that plague the Mass Air Flow, including the Bosch and Pierburg components.

INTERNET	Thurs. July 30th Evening Internet Class GM Integrated Wipers
	Distance Learning – Learn On-Line As with most systems that we now work on, wipers have been and are electronically controlled. All components will be covered; they include the multi function switch, wiper control module (wiper governor), wiper motor low-high-delay operation, and the sometimes difficult to diagnose, the wipers do not want to park complaint. As with all MEA classes a complete wire by wire of every circuit involved will be covered. These techniques will help to shorten diagnostic time and increase your accuracy. Call 973-761-7420 with any Internet Technical Issues