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1989

Classroom Classes

2009

On-Line Classes



"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

September Class Calendar

All Conventional Classes are at the Maplewood Location unless otherwise indicated

Monday	Tuesday	Wednesday	Thursday
7 LABOR DAY! 	8 Call to Register For ALL Classes Internet and Conventional (973) 426-9001	9 NJ State Specific Rules and Regulations Class For <u>Expiring</u> Emission Repair Techs that DO NOT do inspections	10 <u>Evening Internet Class</u> Today 8:00 PM ó 8:45 PM Nissan Fly by Wire And Throttle Relearn
14 DIESEL NEW DRIVEABILITY FOR GAS GUYS	15 ALL INTERNET CLASSES NO EXTRA COST TO MEA MEMBERS	16 <u>Evening Internet Class</u> Today 8:00 PM ó 8:30 PM Honda VTEC Systems	17 "WHY Doesn't It Start?" No Start Diagnosis Class
21 BMW Advanced Driveability TIPS and TRICKS CLASS!	22 DOMESTIC EVAP System DIAGNOSIS CLASS!	23 MEA TRAINING ON YOUR PC Visit www.MEAttraining.com	24 <u>LUNCH Internet Class</u> Today 12:00 ó 12:30 VW 1.8 TURBO System Diagnosis
28 ASIAN EVAP System DIAGNOSIS CLASS!	29 CALL FOR NJ EMISSION REPAIR UPDATE CLASSES 973-761-7420	30 MEA is Going Paperless Get on the E-mail List	1 TOP 10 NEW Advanced SCAN TOOL Functions and Techniques Class!

**MEA
Members Only
Calendar**

September 2009

**CALL To Register
For classes
(973) 426-9001**

1805 Springfield Avenue Maplewood NJ 07040

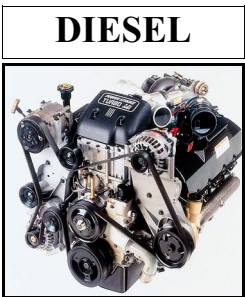
Hotline hours are from 9am to 5pm Monday through Friday

Classes are from 7pm to



Thursday October 1st! TOP 10 Advanced Scan Tools Functions and Techniques!

This Class will cover the Advanced Scan Tool Functions and Techniques needed to fix today's cars! We will show you how to use your scan tool to achieve tests and functions that are NOT possible without it. Import and Domestic systems will be covered including:
VW / Audi REAR BRAKES. Chrysler ATM Testing. GEN COM GEN MON graphing of FORD Charging Systems. GM Crank Variation Relearn AND CAM Retard. Scan Tool Module POLLING and MUCH MORE! Whether you have a MODIS, SOLUS, VERUS, GENYSIS EVO , PEGYSIS, MAC MENTOR, MATCO DETERMINATOR, MASTERTECH, LAUNCH or Factory Scan tools, this is for you!

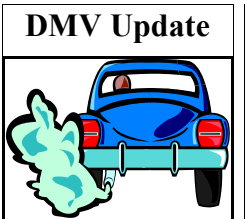


DIESEL

Monday Sept. 14th NEW!! Diesel Driveability for Gas

Guys

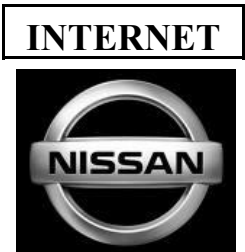
This course is designed for the Driveability Technician who may not have had much experience with Diesels. Many gas guys+ have fixed computerized engine controls on gas cars and trucks for a long time (and are good at it) without the need to bother with Diesels. Diesel Guys on the other hand are guys who fix diesel vehicles all the time. The problem is that in the light duty truck market, we are now saturated with COMPUTERIZED diesels, and they no longer can be side stepped without a decrease in business. This course is designed to get ALL techs that do not work on Diesels, fixing them with confidence, without the "prior diesel experience" requirement. This prior experience requirement does not mean this is a "new tech" class. It is designed for good techs that do not work on



DMV Update

Wed. Sept. 9th NJ State Specific ERT Rules and Regulations

Did you get the letter from DEP that says your repair license is going to expire? If you have a Repair license and need to renew it, you must update it to include the NJ Specific Rules and Regulations Course. Once again MEA is APPROVED to provide this new course, and we have put together a great package to help you get your update training quickly and easily. You will get all the required information Repair Technician, you are required to know the rules and regulations governing the NJ Enhanced Emission testing process. This is a 3 hour course with NO EXAM, CALL for an application!!!! **NOTE: YOU DO NOT NEED THIS COURSE IF YOU HAVE AN INSPECTOR LICENSE!**

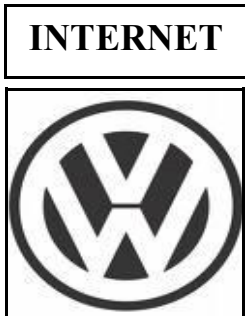


INTERNET

Thursday Sept. 10th Evening Internet Class Nissan Fly By Wire and Throttle Relearn

Distance Learning – Learn On-Line

Most newer Nissan vehicles are coming equipped with electronic throttle assemblies. This class will cover operation, and testing of the complete Electronic Throttle Control System. We will cover ETC, APP, TPS, P0507 and relearn procedures. We will cover the dangers of "Cleaning the throttle body".



INTERNET

Thursday Sept. 24th Lunchtime Internet Class VW 1.8 Turbo Diagnosis

Distance Learning – Learn On-Line

This VW Web based training class will cover operation and testing the popular VW 1.8 Turbo Application. Topics covered include Boost Control, Re-Circulation Control, Charge Pressure Bypass Valve, N75 Wastegate Control Solenoids, N249 Recirculation Control Solenoid, and Boost Sensor Testing and Diagnosis and Scan Tool Diagnosis including Measuring Block Scan Data in VW Expert Mode.

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Classes are from 7pm to 10pm

Import Series!



Wednesday Sept. 16th Evening Internet Class Honda V-Tec Systems Testing & Diagnosis Distance Learning – Learn On-Line

This system has many common problems including lack of power with no codes complaints to turning on the Check Engine light and setting VTEC codes. Because this is a variable valve timing system, separating electrical from mechanical valve timing problems can be difficult. This course will cover all of the VTEC components, including VTEC solenoid, VTEC pressure switch, and rocker arm mechanisms. These components will be covered in detail including, operation, testing and diagnosis. If you work on Honda and Acura cars and trucks, this is an Internet course that you cannot miss.

Call 973-761-7420 with any Internet Technical Issues

All Levels



Thurs. Sept. 17th Why Doesn't it Start??? No Start Diagnostics

When it comes to a "NO Start", we all know there some basic questions we must ask ourselves with every car. Does it have spark and Injector pulse? Is there fuel Pressure? Correct Fuel Pressure!! Is it breathing and do we have all these things at the right time? However, we have also learned that each system has it's common problem areas. COP vs DIS Spark Control. Multipoint vs Sequential Injection. What part does Cam / Crank synchronization play? This class will cover testing and diagnosis of all these areas. We'll include . Crank - No Start, No Crank - No

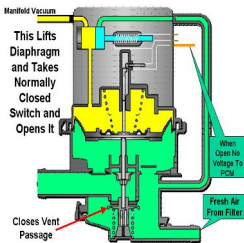
Import Series!



Monday's Sept. 21st BMW – Advanced Driveability TIPS and TRICKS Class

BMW has always been tight lipped about service information. This class is designed to fill the service information gap. A MUST HAVE quick reference guide on chassis/engine identification will be provided. Identifying the differences between Bosch M5.X & Siemens MS41.X powertrain control systems will be covered. This in-depth coverage of all the various computer inputs and outputs helps you save time and become more confident in your diagnosis. Later systems such as Bosch ME9.2 and Siemens MS45 which include Electronic Throttle, VANOS, & Valvetronic will be explained. Also as a bonus the "Top Ten" pattern failures and how to diagnose them will be discussed.

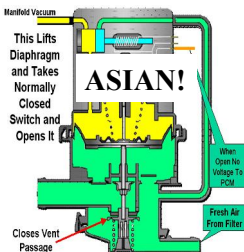
All Levels



Tuesday Sept. 22nd DOMESTIC EVAP DIAGNOSIS CLASS!

The #1 OBDII problem call on MEA's hotline surrounds the OBDII EVAP system. These systems are on ALL 1996 and newer vehicles, and this class will cover GM, FORD, CHRYSLER, and IMPORT systems. While anyone can fix a gas cap code, this class picks up where the gas cap stops. To understand how to fix a %SMALL LEAK+code, you must understand very specific diagnostic techniques, combined with a thorough understanding of how the many different systems work. ALL OBD II equipped cars have been designed to find leaks and turn on the Check Engine for the EVAP system with a .020 or .040 hole. Find out how to determine where the leak is. Find out the techniques of using smoke, HC, Ultrasonic, and Manometer testing to identify the leak in a system. Find out the difference between non-enhanced leak testing, leak detection pump (LDP), vacuum decay and dual solenoid tests. Find out how to complete diagnostic tests WITHOUT the factory scan tool, including tips and tricks to shorten diagnosis! Complete diagnosis of the most popular EVAP codes PO442 (small leak), PO455 (large leak), PO440

All Levels



Monday Sept. 28th ASIAN EVAP DIAGNOSIS CLASS!

This course will cover complete component and **wire by wire testing** on the following Asian evaporative fuel systems: Nissan/Infiniti, Honda/Acura and Toyota/Lexus. These are manufacturers that are common to have EVAP leak codes set. Common codes (P1456- fuel tank area leak) and (P1457-canister area leak) on Honda/Acura vehicles. P0440, P0441 and P0446 on Toyota/Lexus. Codes P1491, P0455 and P0446 on Nissan/Infiniti vehicles will be completely diagnosed. 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. Find out how to complete diagnostic tests WITHOUT the factory scan tool, including tips and tricks to shorten diagnosis! Complete diagnosis of the most popular EVAP codes PO442 (small leak), PO455 (large leak), PO440 (evap system malfunction) including INTERMITTENT