

Automotive Technician Training Center presents...

AUTOMOTIVE TECHNICAL SUPPORT SERVICES Ford Electronics Systems Diagnostics



GAS - DIESEL - CARS - TRUCKS - BUSES

Engine Electronics: * Module Reprogramming and Programmable Module Installation, * Recovering from a failed re-flash, * Can Network Diagnostics * Computer controlled (“Smart Charge”) systems, * Dual Alternator Diagnosis, *Case studies in Mode \$06, *Electronic Throttle Control.

Powerstroke Diesel Systems Diagnostics: A large number of these trucks are now out of warranty and coming to shops for driveability diagnosis and repair. Yet, numerous shops turn away this work due to a lack of training. After attending this class, YOU will become one of the few shops in your area that is proficient at diagnosing and repairing the driveability issues plaguing these vehicles--**AND, you will make money! \$\$\$**

*Diagnostic Strategy, *Fault code diagnosis, *Hard Start, No Start and Performance Diag, *Electronic Engine Controls testing, *Injector operation, *Turbocharging operation, *Fuel system testing, *Pattern failures, * Pinpoint test shortcuts,

Automatic Transmission Electronics: Stop sending profitable automatic transmission diagnostics work away to the transmission specialists! Gain an understanding of the various electronic transmission control system components, and how they interface. This training focuses on the different types of electronics failures a technician might encounter while working on Ford transmissions, and how to differentiate between an electronics failure and a mechanical failure. This course is applicable to the Ford E4OD (4R100), 4R75E (4R70W), AX4N, AX4S, 5R55E, A4LD, and Torqueshift transmissions.

* PCM Inputs and Outputs, * Monitor Diagnosis, * Diagnosing fault codes * Pinpoint Test Shortcuts, * Enabling Criteria for Fault Codes, * Torque Converter Clutch Diagnosis, * Shift Error Diagnosis, * Shift Strategies
* Transmission Range Sensor Diagnosis



Mike Cleary is an eight time award winning Ford Motor Company Certified Senior Master Technician and Powerstroke Engine Specialist. He was a founding board member of Ford Motor Company’s Professional Technician Society, an organization dedicated to serving the needs of Ford dealership technicians in the United States and Canada. He has served on two separate Ford National Technician Advisory Boards, and received national recognition from Ford Motor Company for his contributions to Ford as a field technician involved in improving the 6.0L Powerstroke Engine Program. As a member of Ford’s IDS (Integrated Diagnostics Software) beta team, he provides field feedback to Ford regarding how IDS performs on Ford’s newest vehicles. He is an ASE Certified Master Technician in both the Automobile and Heavy Truck categories, as well as being L1 and L2 Certified. He is also certified by the state of California as an Advanced Emission Specialist Technician, He currently owns his own shop, Cleary Automotive, specializing in high tech driveability and electronics repairs on Ford vehicle systems. His training company Automotive Technical Support Services presents high tech driveability and electronics training classes for technicians worldwide, in addition Mike also writes automotive diagnostics articles for industry trade magazines. He has 35 years of continuous experience as a hands-on automobile technician.

“IF YOU DON’T COME TO CLASS, YOU WON’T KNOW WHAT YOU DON’T KNOW!”

You must be pre-registered to attend this class!

AUTOMOTIVE TECHNICIAN TRAINING CENTER 718-492-0985

355 65th ST. Between 4TH & 3RD Ave. Brooklyn, NY. 11220

“WORK SMARTER NOT HARDER”

Date: April - Call for dates

Time: 7:00 PM

Workbook included