

# ASA NORTH TEXAS & MIKE CLEARY PRESENT:

## Auto & Truck Electrical & Powerstroke Diesel Training: 2 Classes

### SIGN UP EARLY—SAVE MONEY!!

Mike Cleary, the instructor, 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 Diesel Engine Program. As a former member of Ford's IDS (Integrated Diagnostics Software) beta team, he provided field feedback to Ford regarding how IDS performed on Ford's newest vehicles. Long recognized for his diesel performance expertise, less well known is that he served as a sort of "Last Chance Garage" for many frustrated customers and technicians while serving as shop foreman and chief driveability and electronics technician at a California Ford dealership. Faced with the prospect of having to repair the vehicle and at the same time salvage the dealer/customer relationship, he developed his own unique diagnostic strategies for quickly and efficiently diagnosing the most difficult problems on a wide variety of vehicle systems: diesel engine performance, gasoline engine performance, and body and chassis electronics.

He is an ASE Certified Master Technician in both the Automobile and Heavy Truck categories, as well as being L1, L2, and F1 Certified. He is also certified by the state of California as an Advanced Emission Specialist Technician, and has a Bachelor of Science Degree in Industrial Technology from California State University, Fresno. He has been a member of the Society of Automotive Engineers since 1981. He currently owns his own shop, Cleary Automotive, a Bosch Certified Diesel Vehicle Diagnostics Center, specializing in high tech driveability and electronics repairs on Ford Powerstroke Diesel engine systems, carrying on his "Last Chance Garage" tradition. An internationally recognized trainer, he presents high tech driveability and electronics training for technicians worldwide for his training company, Automotive Technical Support Services, in addition to writing automotive diagnostics articles for industry trade magazines. He has lifetime of experience as a hands-on automobile technician in independent shops and dealerships.

## LEARN FROM A HANDS-ON WORKING TECHNICIAN!

### CLASS ONE: AUTO & TRUCK ELECTRICITY & ELECTRONICS DIAGNOSTICS: WHAT YOU DIDN'T LEARN IN SCHOOL

- What really goes on inside your multi-meter and how it applies to diagnosis
- Breaking down wiring diagrams into their simplest components, thereby facilitating diagnosis
- Why fuses don't always blow
- Why Kirchoff's Laws apply more to diagnostics than Ohm's Law
- What the "real world" voltage drop specs are
- Piezo injector actuator theory and operation
- Electrical circuits and their components
- Common diagnostic mistakes and how to avoid them
- What a negative resistance value really means
- How Hall Effect sensors really work, and how to properly diagnose them
- Discuss actual case studies in order to become more effective with your diagnostic skills

### CLASS TWO: FORD 6.7L POWERSTROKE DIESEL DIAGNOSTICS

#### CLASS INCLUDES THE ALL THE NEWEST UPDATES, TESTING PROCEDURES, AND DESIGN CHANGES

- Powerstroke systems and subsystem strategies and operating systems
- Low and High Pressure Fuel Systems
- Dual Cooling Systems
- EGR System, Lubrication System, Air Management System, Exhaust Aftertreatment System
- Injector replacement procedures and IQA Programming for 6.7L
- PCM Inputs and Outputs
- No Start, Hard Start, and Performance Diagnostics
- How to diagnose and repair the most common fault codes
- Troubleshooting shortcuts to increase your efficiency
- Discuss actual case studies in order to become more effective with your diagnostic skills
- Exhaust Aftertreatment System Testing
- Technical Tips, Technical Service Bulletin Info, and other "Need To Know" Info

**MORE INFO ON NEXT PAGE**

**“BETTER THAN FORD TRAINING”: JOHN FIRM & CRAIG HAYES; FIRM AUTOMOTIVE; FT. WORTH, TX**

EVENT DETAILS:

QUESTIONS & ATSS---Mike Cleary  
REGISTRATION: PO Box 27522; Fresno, CA 93729  
Phone: (559) 307-7349; Fax: (559) 434-2289  
E-mail: [mclearyatss@yahoo.com](mailto:mclearyatss@yahoo.com)

**SIGN UP FOR EITHER OR BOTH CLASSES!**

CLASS ONE: October 11, 2019; 6:30 PM – 10:00 PM  
(ELECTRICAL) Price: \$149.00 USD by September 30, 2019; \$199.00 USD after

CLASS TWO: October 12, 2019; 8:30 AM – 5:00 PM (half hour for lunch)  
(6.7L DIAGNOSTICS) Price: \$299.00 USD by September 30, 2019; \$399.00 USD after

LOCATION: Tarrant County College Automotive Department; Ft. Worth, Texas

**ASA NORTH TEXAS MEMBERS WILL RECEIVE A \$50.00 DISCOUNT OFF ABOVE PRICES IF REGISTERED BY SEPT. 30.**

**PLEASE PROVIDE ASA NORTH TEXAS MEMBER NUMBER HERE:** \_\_\_\_\_

*WHY ARE YOU TURNING THIS WORK AWAY?? There are now thousands of these trucks out of warranty and needing repairs. Yet, many shops turn this highly profitable work away, either due to inadequate training, tooling, or fear after hearing all the mythical horror stories about working on these trucks. Want to become efficient and profitable? Come to class and get the straight scoop on these, from a guy who works on them every day.*

**REGISTRATION FORM—CONFIRMATIONS WILL BE SENT VIA E-MAIL**

TECHNICIAN'S NAME \_\_\_\_\_ E-MAIL \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

WORK PHONE \_\_\_\_\_ WORK FAX \_\_\_\_\_

EMPLOYER NAME \_\_\_\_\_

EMPLOYER ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_ E-MAIL \_\_\_\_\_

FAX (559-325-3547), PHOTO & TEXT (559-307-7349) or MAIL REGISTRATION FORM and FEE to ATSS. IF PAYING BY CHECK, MAKE CHECKS PAYABLE TO “MIKE CLEARY.” NO REFUNDS OR CREDITS FOR ANY REASON ONCE ENROLLED.

CREDIT CARD INFO (VISA OR MASTERCARD ONLY) IF PAYING BY CREDIT CARD:

CARD NUMBER: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

3 DIGIT SECURITY CODE (FROM BACK OF CARD): \_\_\_\_\_ BILLING ZIP CODE: \_\_\_\_\_

CIRCLE CLASS(ES) YOU ARE ATTENDING: CLASS ONE (ELECTRICAL) CLASS TWO (6.7L DIAG)

HOW DID YOU HEAR ABOUT THIS EVENT? \_\_\_\_\_