

# Mike Cleary's ATSS Training Presents:

## **PHOENIX, AZ:** **AUTO & TRUCK TECHNICIAN TRAINING EVENT**

Mike Cleary, the instructor, is an eight time award winning Ford Motor Company Certified Senior Master Technician and Powerstroke Diesel 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 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. 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 automobile and light trucks, 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 a lifetime of continuous experience as a hands-on automobile technician in independent shops and dealerships.

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

***NOTE: THIS CLASS IS NOT FORD MOTOR COMPANY SPECIFIC. IT APPLIES TO ALL VEHICLE MANUFACTURERS AND ENGINES: GASOLINE, DIESEL, HYBRID AND/OR ELECTRIC***

Tired of going to electrical classes that begin with atomic theory and movement of electrons? Sure, it explains how current flows, but does it really help you fix the vehicle? We will not be covering that in this class. This class is all about helping you become proficient at electrical diagnostics. Become an expert electrical tech! Whether you are an apprentice technician looking to become more proficient in electrical diagnostics, or a seasoned veteran who would just like a refresher and also learn new information, this is the course for you. You will learn the skills necessary to become more efficient and profitable when performing electrical diagnostics work. You will learn these skills from a hands-on working automobile technician.

- 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

***SIGN UP FOR EITHER CLASS OR BOTH---MORE INFO ON NEXT PAGE!***

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

**SIGN UP FOR EITHER CLASS OR BOTH—DISCOUNTS EXPIRE OCTOBER 4, 2019!**

**EVENT DETAILS:**

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

ELECTRICAL DIAG: 6 - 10 PM; Friday, Oct. 25, 2019; \$159.00 USD by Oct. 4, 2019; \$199.00 USD after

6.7L PSD DIAG: 8 AM – 5 PM; Saturday, Oct. 26, 2019; \$299.00 USD by Oct. 4, 2019; \$399.00 USD after

LOCATION: Hampton Inn—Phoenix Midtown; 160 W. Catalina Ave.; Phoenix, AZ 85013

**BONUS: REGISTER FOR BOTH CLASSES AND PAY ONLY \$435.00**

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

NAME: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

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

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

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

EMPLOYER ADDRESS: \_\_\_\_\_

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

FAX (559-434-2289), PHOTO & TEXT (559-307-7349) or MAIL REGISTRATION FORM and FEE to ATSS. IF PAYING BY CHECK, MAKE CHECKS PAYABLE TO “MIKE CLEARY.” ONLY CHECKS DRAWN FROM A U.S. BANK ACCEPTED DUE TO INTERNATIONAL BANKING FEES. SORRY, NO REFUNDS OR CREDITS ONCE ENROLLED. REGISTRATION AND PAYMENT MUST BE RECEIVED BY OCT. 4, 2019, IN ORDER TO QUALIFY FOR ANY DISCOUNTS.

CREDIT CARD INFO: **(VISA OR MASTERCARD ONLY)**

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

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

FEE PAID BY (CHECK ONE): TECHNICIAN \_\_\_\_\_ EMPLOYER \_\_\_\_\_

PLEASE INDICATE CLASS(ES) YOU ARE ATTENDING:

ELECTRICAL DIAGNOSTICS \_\_\_\_\_ 6.7L DIAGNOSTICS \_\_\_\_\_

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