

# **Kelowna, BC: Auto & Light Truck Training Event**

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 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, 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 35 years of continuous experience as a hands-on automobile technician in independent shops and dealerships.

## **SIGN UP FOR ANY CLASS OR ALL CLASSES! DISCOUNTS AVAILABLE UNTIL MARCH 29, 2019!**

### **CLASS ONE: ELECTRICAL DIAGNOSIS: WHAT YOU DIDN'T LEARN IN SCHOOL**

- Inside your multi-meter and how it applies to diagnosis
- How to simplify complex wiring diagrams
- Why fuses don't always blow
- Applying Kirchoff's Electrical Laws to diagnostics
- What the "real world" voltage drop specs are
- Pinpoint test shortcuts
- Common diagnostic mistakes and how to avoid them
- What a negative resistance value really means
- What not to do!

### **CLASS TWO: FORD POWERSTROKE DIESEL: FACT OR FICTION?**

There are many misconceptions about some of the systems operations and diagnostics procedures and specifications on the various Ford Powerstroke Diesel Electronic Engine Control Systems produced to date: 7.3L, 6.0L, 6.4L, and 6.7L. This interactive class will both inform you and either dispel or support some of the more commonly held "myths" regarding these engine systems. Come to class and be challenged!

- EGR and EBP System Operation, Wastegate Function, and Fuel Calculations
- "Real World" Diagnostics—Which Specs/Procedures Don't Work!
- "Growing" Oil
- Fuel System Check Valves and Pressure Regulators
- Oil Coolers—What Is the Real Cause of the "Sand" in the Coolant?
- Power Balance and Relative Compression Testing
- Glow Plug Control Monitoring
- Fan Speed Sensors—How Do They Really Work?

### **CLASS THREE (6.7L) AND CLASS FOUR (6.4L) POWERSTROKE DIESEL DIAGNOSTICS**

- Powerstroke systems and subsystems operation and strategies
- No Start, Hard Start, and Performance Diagnosis
- How to diagnose and repair the most common fault codes
- Increase your knowledge of various electronic engine control system *components*
- Troubleshooting shortcuts to increase your efficiency
- Discuss actual case studies in order to become more effective with your diagnostic skills
- Technical Tips, Technical Service Bulletin Info, and other "Need To Know" Info

**AVOID COSTLY TRAVEL EXPENSES FOR TRAINING: SIGN UP IMMEDIATELY! CLASS SIZE IS LIMITED AND WILL FILL FAST!**

**CONTINUED ON NEXT PAGE**

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

**SEMINAR DETAILS:**

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

ELECTRICAL CLASS: 1:00 PM – 4:30 PM; Friday, May 3, 2019; \$169.00 USD by March 29, 2019; \$229.00 USD after

PSD FACT OR FICTION CLASS: 5:30 PM – 9:00 PM; Friday, May 3, 2019; \$169.00 USD by March 29, 2019; \$229.00 USD after

6.7L PSD CLASS: 8:30 AM – 5 PM; Saturday, May 4, 2019; \$329.00 USD by March 29, 2019; \$399.00 USD after

6.4L PSD CLASS: 8:30 AM – 5 PM; Sunday, May 5, 2019; \$329.00 USD by March 29, 2019; \$399.00 USD after

LOCATION: Kelowna, BC: Exact Location to be announced

**BONUS:** REGISTER FOR ALL 4 CLASSES BY MARCH 29, 2019, AND PAY ONLY \$956.00 USD; SAVE \$40.00 USD!

**ATTENTION: ASSOCIATION OF DIESEL SPECIALISTS (ADS) MEMBERS:**

RECEIVE 15% OFF POSTED PRICES IF REGISTRATION FORM IS RECEIVED BY MARCH 29, 2019. ADS MEMBER NUMBER: \_\_\_\_\_

**REGISTRATION FORM**

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

ADDRESS: \_\_\_\_\_ CITY \_\_\_\_\_ PROV \_\_\_\_\_ POSTAL CODE \_\_\_\_\_

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

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

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

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

FAX (559-434-2289), or E-MAIL REGISTRATION FORM and FEE to ATSS. NO REFUNDS OR CREDITS FOR ANY REASON ONCE ENROLLED. REGISTRATION AND PAYMENT MUST BE RECEIVED BY MARCH 29, 2019, IN ORDER TO QUALIFY FOR ANY DISCOUNTS. NO CHECKS. EVENT SUBJECT TO CANCELLATION IF A MINIMUM ENROLLMENT NUMBER ISN'T ACHIEVED.

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

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

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

CLASS(ES) YOU ARE ATTENDING (CIRCLE): ELECTRICAL PSD FACT OR FICTION 6.7L PSD 6.4L PSD

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

HOW DID YOU HEAR ABOUT THESE CLASSES? \_\_\_\_\_