

# DELAWARE TRAINING GROUP PRESENTS:

## Mike Cleary's Ford Powerstroke Diesel Training

### **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 many years of continuous experience as a hands-on automobile technician in independent shops and dealerships.

### **LEARN FROM A HANDS-ON POWERSTROKE TECHNICIAN!**

#### **CLASS ONE: 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!

##### TOPICS COVERED:

- EGR Operation and Wastegate Function
- EBP Operation 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 TWO: FORD 6.7L POWERSTROKE DIESEL DIAGNOSTICS**

##### **CLASS INCLUDES THE NEWEST UPDATES, TEST PROCEDURES, AND DESIGN CHANGES!**

- Powerstroke systems and subsystem strategies and operating systems
- 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
- Learn how phantom brake pedal inputs cause driveability problems
- Glow plug breakage
- How the PCM still functions without a vehicle power (VPWR) input
- Technical Tips, Technical Service Bulletin Info, and other "Need To Know" Info

**MORE INFO ON NEXT PAGE**

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

**POWERSTROKE EVENT DETAILS:**

QUESTIONS & ATSS--Mike Cleary  
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Phone: (559) 307-7349; Fax: (559) 325-3547  
E-mail: [mclearyatss@yahoo.com](mailto:mclearyatss@yahoo.com)

**BOTH CLASSES NEWLY REVISED AND UPDATED! SIGN UP FOR EITHER OR BOTH CLASSES!**

CLASS ONE: February 22, 2019; 6:30 PM – 10:00 PM  
(PSD FACT/FICTION) Price: \$159.00 USD by January 19, 2019; \$199.00 USD after  
DTG members pay \$149.00 USD by January 19, 2019, \$199.00 USD after

CLASS TWO: February 23, 2019; 8:00 AM – 5:00 PM  
(6.7L DIAGNOSTICS) Price: \$299.00 USD by January 19, 2019; \$399.00 USD after  
DTG members pay \$279.00 USD by January 19, 2019, \$399.00 USD after

LOCATION: New Castle/Newark, Delaware area. Exact location to be determined.

**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. You will make money working on these trucks!**

**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), or MAIL REGISTRATION FORM and FEE to ATSS. NO REFUNDS OR CREDITS FOR ANY REASON ONCE ENROLLED. NO SUBSTITUTIONS WITHOUT INSTRUCTOR APPROVAL. EVENT SUBJECT TO CANCELLATION IF A MINIMUM ENROLLMENT NUMBER ISN'T ACHIEVED.**

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: \_\_\_\_\_

FEE PAID BY (CIRCLE):   TECHNICIAN   EMPLOYER                   DTG MEMBER (CIRCLE)   YES   NO

CIRCLE CLASS(ES) YOU ARE ATTENDING:           CLASS ONE (PSD FACT/FICTION)           CLASS TWO (6.7L DIAG)

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