

**BC DIESEL & MIKE CLEARY PRESENT:**

## **Vancouver, BC: Ford Powerstroke Diesel Training Event**

**2 1/2 DAYS OF INTENSE, COMPREHENSIVE TRAINING! SIGN UP FOR ANY CLASS OR ALL!**

### **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, 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 over 30 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?
- IDS Power Balance and Relative Compression
- Glow Plug Control Monitoring
- Fan Speed Sensors—How Do They Really Work?
- Much, Much More.....

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

**BOTH CLASSES INCLUDE THE NEWEST UPDATES, REVISIONS, AND DESIGN CHANGES INCLUDING THE 2017 MODEL YEAR!**

- 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
- Emissions and Fuel Economy Topics
- Technical Tips, Technical Service Bulletin Info, and other "Need To Know" Info

**MORE INFO ON NEXT PAGE**

**ALL CLASSES NEWLY REVISED AND UPDATED! SIGN UP FOR ANY OR ALL CLASSES!**

**POWERSTROKE EVENT DETAILS:**

QUESTIONS & ATSS---Mike Cleary  
REGISTRATION: 177 N. Sunnyside Avenue; Suite #106; Clovis, CA; USA 93611  
Phone: (559) 307-7349; Fax: (559) 325-3547  
E-mail: [mclearyatss@yahoo.com](mailto:mclearyatss@yahoo.com)

**SIGN UP FOR ANY OR ALL CLASSES!**

CLASS ONE: Nov. 17, 2017; 6:30 PM – 10:00 PM;  
(PSD FACT/FICTION) Price: \$169.00 USD before Oct. 13, 2017; \$199.00 USD after

CLASS TWO: Nov. 18, 2017; 8:00 AM – 5:00 PM  
(6.7L DIAGNOSTICS) Price: \$329.00 USD before Oct. 13, 2017; \$399.00 USD after

CLASS THREE: Nov. 19, 2017; 8:00 AM – 5:00 PM  
(6.4L DIAGNOSTICS) Price: \$329.00 USD before Oct. 13, 2017; \$399.00 USD after

LOCATION: BC Diesel Truck Repair; 14620 - 64th Ave; Unit #116; Surrey, BC; V3S 1X7

**BONUS: SIGN UP FOR ALL 3 CLASSES BY OCT. 13, 2017, AND PAY ONLY \$799.00 USD!**

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

RECEIVE 15% OFF POSTED PRICES IF REGISTRATION FORM IS RECEIVED BY OCT. 13, 2017. ADS MEMBER NUMBER: \_\_\_\_\_

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

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

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

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

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

EMPLOYER ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ PROV \_\_\_\_\_ POSTAL CODE \_\_\_\_\_

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

FAX (559-325-3547), or MAIL REGISTRATION FORM and FEE to ATSS. NO CHECKS ACCEPTED DUE TO INTERNATIONAL BANKING FEES. 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 POSTAL CODE: \_\_\_\_\_

FEE PAID BY (CIRCLE):   TECHNICIAN   EMPLOYER

CIRCLE CLASS(ES) YOU ARE ATTENDING:   CLASS ONE (PSD FACT/FICTION)   CLASS TWO (6.7L DIAG)   CLASS THREE (6.4L DIAG)

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