

## Mike Cleary's ATSS Training Presents:

# **DENVER, CO: FORD POWERSTROKE DIESEL TRAINING EVENT**

### **THE 6.7L CLASS WILL BE OFFERED TWICE TO BETTER SERVE YOUR NEEDS!**

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

### **LEARN FROM A HANDS-ON WORKING POWERSTROKE TECH!**

#### **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!

- 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 DIAGNOSIS**

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

- Powerstroke systems and subsystem strategies and operating systems
- No Start, Hard Start, and Performance Diagnostics
- 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
- Much, Much More.....

**DISCOUNTS FOR EARLY REGISTRATION. CLASS SIZE LIMITED TO 20 ATTENDEES AND WILL FILL QUICKLY!**

**SIGN UP FOR ANY CLASS OR CLASSES---MORE INFO ON NEXT PAGE!**

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

EVENT DETAILS (YOU CAN REGISTER FOR ANY CLASS OR CLASSES):

**NOTE: THE SAME 6.7L CLASS WILL BE OFFERED TWICE.**

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

PSD FACT/FICTION: 6 - 10 PM; Friday, Dec. 1, 2017; \$159.00 USD by Oct. 27, 2017; \$199.00 USD after

6.7L PSD DIAG CLASS: 8 AM – 5 PM; Saturday, Dec. 2, 2017; \$299.00 USD by Oct. 27, 2017; \$399.00 USD after

6.4L PSD DIAG CLASS: 8 AM – 5 PM; Sunday, Dec. 3, 2017; \$299.00 USD by Oct. 27, 2017; \$399.00 USD after

6.7L PSD DIAG CLASS: 8 AM – 5 PM; Monday, Dec. 4, 2017; \$299.00 USD by Oct. 27, 2017; \$399.00 USD after

LOCATION: Hampton Inn Denver-Cherry Creek; 4150 E. Kentucky Ave; Glendale, CO 80246

BONUS: REGISTER FOR FRIDAY CLASS AND ANY TWO MORE CLASSES BY OCT. 27, 2017, AND PAY ONLY \$725.00!

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

RECEIVE 15% OFF POSTED PRICES IF REGISTRATION FORM IS RECEIVED BY OCT. 27, 2017. ADS MEMBER NUMBER: \_\_\_\_\_

**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 (559-325-3547), or MAIL REGISTRATION FORM and FEE to ATSS. MAKE CHECKS PAYABLE TO “ATSS.” 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. 27, 2017, 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:

POWERSTROKE FACT/FICTION \_\_\_\_\_ 6.7L DIAG (SATURDAY) \_\_\_\_\_ 6.4L DIAG \_\_\_\_\_ 6.7L DIAG (MONDAY) \_\_\_\_\_