



Professional Technician's Seminar Series

Fairfax **AUTO PARTS**

PTS76: Fuel Trim Diagnostic Strategies

- This new seminar is designed for the independent automotive driveability technician that must diagnose multiple makes of vehicles.
- The program will cover DTCs and symptoms caused by fuel delivery and control systems.
- Streamlined diagnostic procedures and pattern failures will be highlighted and demonstrated.
- This course uses field developed techniques designed to shorten diagnostic time.
- Develop a winning strategy for tough diagnostic problems.
- Add new ideas to your diagnostic toolbox.

Here's what's included:

Fuel Trim DTCs can be difficult to diagnose. This one night program will focus on Fuel Trim DTCs and symptoms. Through the use of case studies including Daimler/Chrysler, Ford, General Motors, Honda, Nissan, and Toyota vehicles, the technician will learn to interpret important Fuel Trim data on each make. Streamlined diagnostic procedures designed to reduce diagnostic time and pattern failures will be highlighted and demonstrated.

The focus will be on strategies to identify which service information and test data is needed, determine an initial direction, validate the direction, identify the root cause, and verify the repair of the following:

- Rough Idle and Stalling
- Surging
- Lack of Power
- Misfire
- MIL on - engine runs OK
- Intermittent faults

These Top Tech Line Topics will be covered:

- This engine idles rough. How do I tell if it is the EGR or a vacuum leak?
- The fuel trim on Bank 1 is -25% and Bank 2 is +25%. Where do I start?
- What should the HO2S1 data read at Idle?
- The fuel trim on this car reads 1.01. What does it mean?

Location:	The Moose Lodge 3529 Chain Bridge Road (access road) Fairfax, VA 22030 703 385-4403
Date:	September 10, 2008
Time:	Dinner at 5:15 Class at 6:00 (ends before 9:30)
Trainer:	Wayne Bishop
Cost:	\$99 Per Technician (by invoice from Fairfax Auto Parts)