



Professional Technician's Seminar Series **Fairfax AUTO PARTS**

PTS24: General Motors Engine Performance IV

- This two night seminar will sharpen your diagnostic skills on GM Engine Control Systems.
- This course uses field developed techniques designed to shorten diagnostic time.
- 14 case studies allow you to see the techniques in action.
- Learn to “think outside the book.”

Here's what's included:

This two-night interactive training program is packed with Power Tips and diagnostic techniques covering GM fuel delivery, fuel injection, throttle controls, ignition and emission control. Common failures and field fixes will be demonstrated in a case study format. Field developed techniques and repair tips are included in the class and the manual. In addition, the class will contain information on:

- Magneto Resistive Sensor Diagnosis
- Misfire diagnosis
- Throttle Actuator Control Diagnosis
- Cam Phasing Diagnosis
- Fuel Trim and O2 Sensor Diagnosis
- Fuel Delivery and Fuel Injection Diagnosis
- Flexfuel Vehicles
- Active Fuel Management
- An introduction to the GM Dual Mode Hybrid System

What You Will Learn:

- Streamlined diagnostic techniques that are quick and accurate
- How to analyze Freeze Frame, Failure Record, and live scan data
- How to leverage GM service information to quickly get the information you need
- How to effectively analyze scan data graphs and lab scope waveforms
- What to do when your scan tool won't talk to the vehicle
- How to find intermittent misfires
- How to solve Fuel Trim DTCs
- Tips to ensure successful PCM Reprogramming

Date: September 21 & 22, 2009---Best Western Battlefield Inn
10820 Balls Ford Rd., Manassas, VA 22309

September 23 & 24, 2009---The Moose Lodge
3529 Chain Bridge Rd. , Fairfax, VA 22030

Time: Dinner begins at 5:15PM, Class starts at 6:00PM

Cost: \$199.00 per Tech

To Reserve your're Seat: Contact your Standard Ignition Parts Store Salesman or Manager.