



# Professional Technician's Seminar Systems Series

Sponsored by:

## ETG Auto Supply

Wed, Feb. 13, 2013  
Philadelphia Airport Hilton  
4509 Island Ave.  
Philadelphia, PA  
6:00 – 10:00 pm

## Diagnose the Top GM Drivability Problems

- This one night seminar will inform you about pattern failures, and provide techniques to make your diagnostics more efficient on GM Engine Control Systems.
- Field developed techniques will shorten your diagnostic time while providing accurate results.
- Case studies allow you to see the techniques in action and you will be prepared to “think outside the book.”

### Here's what's included:

This one-night interactive training program is packed with Power Tips and diagnostic techniques covering GM fuel delivery including fuel pump control modules, fuel injection including SIDI, throttle controls, ignition and emission control. Diagnostic techniques will be demonstrated in a case study format. Dozens of field developed techniques and repair tips are included in the class and the manual. In addition, the class will contain information on:

- Cassette Ignition System 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

### What You Will Learn:

- Streamlined diagnostic techniques that are quick and accurate
- How to analyze Freeze Frame, Failure Record, and live scan data
- Diagnosis of engine mechanical problems that might seem like engine control faults
- How to effectively analyze scan data graphs and lab scope waveforms
- Misfire diagnosis with poor access to components
- How to solve communications issues
- How to solve Fuel Trim DTCs
- How to solve Throttle Actuator Control DTCs

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Location: Philadelphia Airport Hilton	Time: 6:00 – 10:00 pm
1. Name _____	3. Name _____
2. Name _____	4. Name _____
_____ Registrations @ \$99.00 each Total \$ _____	
Company Name _____	
Address _____	
City _____	Account # _____ Phone # _____
<b>RSVP to Tom Gallagher by Feb. 8<sup>th</sup> 215-331-6800</b>	
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