



Professional Technician's Seminar Series
Fairfax AUTO PARTS

2009 Season Ticket Package.
PTS2009

Fairfax AUTO PARTS

- **Fairfax Auto Parts** will host four **Professional Technician Seminars** presented by **Standard Motor Products**. The Experts in Engine Management.
- Each Seminar can be attended separately or you may take advantage now of our **2009 Season Ticket Package** and **Save \$169**.
- Our Professional Technicians know the value of training in the leading edge technologies to maintain an efficient and profitable business.
- We sincerely hope you will take advantage of this opportunity. There are only 30 **2009 Season Ticket Packages** available.

Here's what's included:

Honda/Acura Engine Performance II April 13 & 14 April 15 & 16	Manassas Fairfax	2 Night Seminar	\$198.00
Engine Diagnostic Strategies June 1 June 2 June 3 June 4	Herndon/Sterling Manassas Fairfax Alexandria/Springfield	1 Night Seminar	\$99.00
GM Engine Performance IV September 21 & 22 September 23 & 24	Manassas Fairfax	2 Night Seminar	\$198.00
Vehicle Network Diagnostic Strategies October 26 October 27 October 28 October 29	Herndon/Sterling Manassas Fairfax Alexandria/Springfield	1 Night Seminar	\$99.00
		Total Value	\$594.00
		Less 2009 Season Ticket Package Discount	\$169.00
		Your Professional Technician 2009 Season Ticket Package	\$425.00

Contact your **Fairfax AUTO PARTS** Sales Representative or Local Store Today to Enroll.

Account Name: _____

Signature: _____

For billing purposes use part # PTS2009.

Honda/Acura Engine Performance II

This course is filled with the information needed to fix Honda/Acura vehicles quickly and accurately. Honda/Acura vehicles use unique Air Fuel sensors that can be difficult to diagnose using aftermarket scan tools. A complete system description and operational details are provided along with proven diagnostic techniques. Common failures will be covered such as hard start, high idle complaints, and EGR DTCs. A variety of case studies are used to demonstrate diagnostic techniques. Honda/Acura vehicles use unique scan data PIDs. The effective use of these PIDs will be demonstrated for each system. Field developed techniques and repair tips are included in the class and the manual.

Engine Diagnostics Strategies

Engine mechanical problems can turn on the MIL and cause misfire, surge, and emissions test failures. Technicians can usually identify a misfiring cylinder due to a mechanical problem, but the process of determining what is actually wrong in the engine can be difficult without tear-down. During the class the technician will learn how symptoms can be caused by failures during each phase of 4 stroke operation. The class will evaluate current testing procedures, and introduce new test procedures and equipment. Case studies will be used to demonstrate diagnostic procedures using a variety of tools during each example. The goal is to provide the technician with new techniques to diagnose engine mechanical issues more efficiently, and more accurately. This class does not promote any specific tool or process but will allow the technician to see them all in action and make an informed decision about their current process.

General Motors Engine Performance IV

This program will focus on General Motor's new ignition systems, fuel systems, throttle controls, and electrical systems. Both common and difficult to diagnose problems that reflect recent changes in GM operating strategies will be covered. Advanced diagnostic techniques using scan data, Failure Records, data graphing and waveform analysis are used throughout this class. This two night program includes 14 diagnostic case studies covering a variety of issues from no-start to intermittent DTCs. Field developed techniques and repair tips are included in the class and the manual.

Vehicle Network Diagnostic Strategies

Networks are used to control everything from the head lights to the tail lights on new vehicles. This means that the network can be responsible for engine no-start, transmission shift problems, HVAC failures, ABS DTCs, inoperative lighting and other problems. The network is supposed to simplify diagnosis by allowing scan tool control of components but often adds complexity when the network is “down.” Technicians need a plan of attack when their scan tool will not talk to the vehicle or a specific module. This class will demonstrate diagnostic procedures using tools that the technician already has to diagnose the state of the various communications networks through the use of real world case studies. A variety of scan tools both OE and aftermarket will be used as well as simple test tools and an oscilloscope. This class will help keep technicians “on-line” when diagnosing new vehicles

