



# Professional Technician's Seminar Series

## PTS26: Honda/Acura Engine Performance

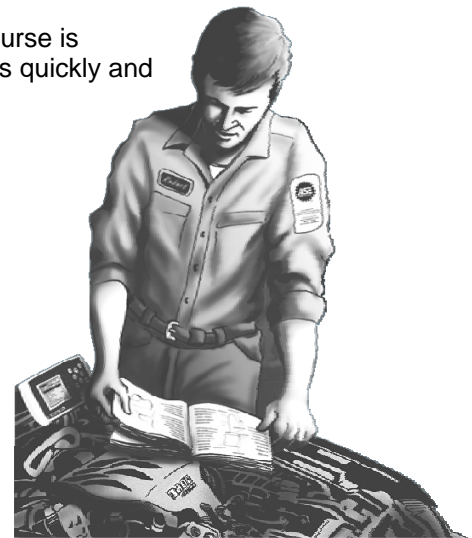
- This all new seminar will help you sharpen your diagnostic skills when diagnosing Honda Engine Control Systems.
- This course includes **wire-by-wire analysis** of system components.
- This approach gives you **more than just book specifications**, (which are frequently wrong) but real numbers **based on actual on the car diagnosis**.

### Here's what's included:

With information covering almost 15 years of Honda/Acura PGM-FI vehicles, this course is designed to give the driveability tech the information they need to fix Honda products quickly and accurately.

- V-TEC Systems
- OBDII, MPI and TBI systems
- EGR system failures
- EVAP system diagnosis
- All sensor operation including LAF
- Ignition Diagnosis
- Idle Speed Control systems

Honda's bring their own set of common failures and unique problems to the table. A complete system description and operation will be provided. A strong emphasis will be placed on thorough testing and diagnosis. Common failure items will also be covered, for example; hard starts, high idle complaints and EGR code 12.



### These Top Tech Line Topics will be covered:

1. The O2 sensor on this Honda reads about a half of a volt all of the time. What is the deal?
2. I have an EGR code and I'm only getting 6" of vacuum to the EGR valve when I ground the solenoid. Is that OK?
3. This Honda revs up and down repeatedly at idle. Where do I start?
4. This Honda shakes at idle. The engine analyzer shows the ignition is OK and there are no codes. What now?
5. This customer says his Honda won't start if he leaves it in the sun. What's up?
6. This old TBI Honda runs lean at idle. When I look in the throttle body the injector is not spraying. It ohms out OK, what is wrong?
7. This customer complains of low power. I checked the Cat and it's OK. How can I check the VTEC?
8. The new battery runs down on my Accord when it's idling. Yeah, I know I put a big sound system in it, but shouldn't the alternator keep the battery up?
9. I have an EVAP code in this Accord. I know about the vent and purge solenoids, but what does the bypass solenoid do?
10. How do I disable the high voltage circuits on this Insight? I don't want to get fried!

### *When and Where:*

*Date: Sept. 13<sup>th</sup> & 14<sup>th</sup>*

*Place: Visalia Veterans Bldg*

*Time: 5:38pm to 9:53pm*

*Cost: 139.95 (includes dinner & manual)*

For more information please contact your Smith Auto salesman or call: **734-1396**