

**Fairfax**



**AUTO PARTS**

**NAPA AUTOTECH TRAINING**

## **O2 & AIR FUEL RATIO SENSORS**

Auto Tech # 6503

**Goal:** Learn the different types of O2 Sensors and how they differ in function and test diagnostics

- Oxygen sensors can be very difficult to diagnose
- Depending on the type of O2 sensor, you may need a special tool.
- Fuel control is greatly affected by the O2 sensor
- The O2 sensor is not the only thing that can affect fuel ratios, but they can affect the function of the PCM
- Ethanol content may be affecting the PCM.

Includes Manual & Certificate

Dinner served at 5:15

Date: MARCH 16, 2017 THURSDAY

Time: 5:45PM to 9:30PM

Location: Best Western Battlefield Inn

10820 Balls Ford Road, Manassas, VA 703-361-8000

Cost: \$109.00

Part # ATT20170316

(4 Hours of classroom training credit)

Please Contact Your Local Fairfax Auto Parts NAPA Store Manager or our Salesman:

Seating is limited so please let us know as soon as possible



Directions: Route 66 West. Exit for Route 234 toward Manassas. Right on Balls Ford Road

**(Don't forget your class pass card)**

**Fairfax**



**AUTO PARTS**

NAPA AUTOTECH TRAINING

## **O<sub>2</sub> SENSOR & AIR FUEL RATIO SENSORS**

Auto Tech # 6503

- Review rear O<sub>2</sub> sensor fuel trim and the problems it can create
  - O<sub>2</sub> sensor waveform diagnosis
  - Contamination issues
- “Single” and “Dual” cell wideband sensor differences
  - O<sub>2</sub> and Wideband sensor testing
- Differences between Honda, Toyota, Subaru, and Domestic sensors
- Discover the effects ethanol and PCM’s estimated ethanol content can effect fuel trims
- O<sub>2</sub> Sensors are another thing that effects Driveability

**NAPA** KNOW HOW

**Don't forget your class pass card)**