



NAPA AUTOTECH TRAINING

Course # 7004

ENHANCED AIR/FUEL DIAGNOSTICS

THERE ARE MANY THINGS THAT MONITOR THE AIR/FUEL MIXTURES

THE OXYGEN SENSOR PLAYS A PIVOTAL PART IN FUEL CONTROL STRATEGIES. THE PCM USES SHORT TERM FUEL TRIM, LONG TERM FUEL TRIM, REAR FUEL TRIM AND TOTAL FUEL TRIM. ALL THESE FUEL TRIM VALUES ARE DERIVED FROM THE OXYGEN SENSOR READINGS. THE DIFFERENCE BETWEEN NARROW BAND AND WIDE BAND OXYGEN SENSORS CAN MAKE DIAGNOSIS DIFFICULT.

THIS CLINIC IS DESIGNED TO ELIMINATE CONFUSION AND LEAD THE TECHNICIAN THROUGH EACH TYPE OF SENSOR AND HOW TO DIAGNOSE THEM

THEY WILL GAIN AN UNDERSTANDING OF VARIOUS TYPES OF OXYGEN SENSORS AND AIR FUEL RATIO SENSORS.

THE TECHNICIAN WILL HAVE A RENEWED APPROACH TO SIMPLIFYING THE DIAGNOSTIC PATH ASSOCIATED WITH O2 SENSORS.

THEY WILL BE ABLE TO IDENTIFY THE ROOT CAUSE FOR THE FAILIER OF THE FUEL SYSTEM MONITOR OPERATION.

Dinner served at 5:30

Date: MARCH 25, 2020 WEDNESDAY

Time: 5:45PM to 9:30PM

Location **GREEN ACRES RECREATION CENTER**
4401 Sideburn Road, Fairfax, VA 22030



Cost: \$110.00

Part # ATT20200325

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
(Don't forget your class pass card)



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Course # 7007

O2 SENSORS VS AIR/FUEL SENSORS

GAS DIAGNOSTICS

SCAN DATA & TESTING

MICRO PROBE TESTING

**WHAT ARE THE KEY DIFFERENCES BETWEEN NARROW BAND AND
WIDE BAND SENSORS?**

**WHAT IS THE EXPECTED AMOUNT OF AMPERAGE CHANGE ON WIDE
BAND AIR FUEL SENSORS AT WOT?**

**WHAT IS THE BEST TESTING METHOD FOR VERIFYING LAMBDA FUEL
CONTROL?**

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