



Professional Installer Training

IGN.3031.1.FC Modern Ignition System Testing

This seminar is designed to enhance the professional level technician's knowledge of modern ignition system diagnostics. P0300 misfire DTC diagnostic strategies will be covered using modern scan tools and ignition system test equipment. Information covered will review digital storage oscilloscopes (DSOs) patterns captured using current probes, inductive wands and voltage test leads to validate modern ignition system components ranging from crankshaft and camshaft position sensors to today's COP (Coil on Plug) assemblies. Misfire information obtained from the scan tool will be explained and reviewed through Case Study vehicles. PCM (Powertrain Control Module) operational strategies are defined pertaining to OBD II Misfire Monitoring standards.

At this comprehensive clinic you will learn to:

- Recognize different manufacturers' operational strategy during misfire conditions
- Navigate quickly through valuable scan tool data to gain diagnostic direction
- Accurately test crankshaft position and camshaft position sensors
- Distinguish the difference in testing procedures for conventional ignition coils versus "smart coil" assemblies
- Interpret various ignition component waveforms captured from a DSO (Digital Storage Oscilloscope)
- Understand fuel trim corrections during misfire conditions to isolate system faults

Warrensville

Date: Monday April 22nd 2019
Time: Dinner: 5-6PM Class: 6-9PM
Location: Car Parts Warehouse Warrensville
18525 Miles Road Warrensville Hts., Ohio 44128
Cost: FREE to first 30 customers to register

Copley

Date: Tuesday April 23rd 2019
Time: Dinner: 5-6PM Class: 6-9PM
Location: Car Parts Warehouse Copley
2799 Copley Road Copley, Ohio 44321
Cost: FREE to first 30 customers to register

Perry

Date: Wednesday April 24th 2019
Time: Dinner: 5-6PM Class: 6-9PM
Location: Car Parts Warehouse Perry
3382 North Ridge Road Perry, Ohio 44081
Cost: FREE to first 30 customers to register

Pittsburgh

Date: Thursday April 25th 2019
Time: Dinner: 5-6PM Class: 6-9PM
Location: Car Parts Warehouse Pittsburgh
6480 Hamilton Ave Pittsburgh PA 15206
Cost: FREE to first 30 customers to register

REGISTER ONLINE @ www.carpartswarehouse.net