



## TECH TRAINING

**OCT 8 SASKATOON**

**OCT23 CALGARY**

**OCT 29 EDMONTON**

APD Branch Locations / Cost: \$125.00 / Supper: 6:00pm / Course 6:30pm

### INJ-259 Advanced Drivability Diagnostics

With GDI engines becoming more and more common, drivability issues are showing up in your service bay as normal customer concerns. With GDI system being more complex than PFI, some diagnostics and system operations are quite different than what technicians are used to dealing with.

Some of our normal testing procedures have now changed.

In this class we will look at the operation of various manufactures on how low-pressure fuel pump modules operate and control fuel pumps. High pressure pump mechanical and delivery diagnostics, injector voltages and patterns. GDI engines, along with some PFI engines that are transiting to Wide Band O2 sensors (lambda sensors) for better fuel control and lower emissions, have a totally different operation than a conventional O2.

Understanding the operation and fault issues will help in a proper diagnostics. We will look at the operation and how to diagnose a bad sensor and components along with Engine Driveability Diagnostics.

This course will have actual sample Driveability problems to perform diagnosis and repair procedures

