



Motorcraft



**JOHNSTON**  
**AUTOSTORES**

# DIRECT INJECTION TURBOCHARGED (ECOBOOST) ENGINE OPERATION, DIAGNOSIS, AND SERVICE (MC-DIRINJOPSR)

Aftermarket facilities are seeing more advanced engine systems than ever before. Repairing these engine systems requires technical knowledge of their operation, diagnosis, and service procedures. The topics of this seminar include:

- Overview of Direct Injection Turbocharged (DIT) "Ecoboost" Engines, including the 3.5L, 2.0L, 1.5L, and 1.0L versions
- DIT Fuel Systems Operation and Diagnosis
- DIT Service Procedures, Including Injector Replacement Methods and Techniques
- GTDI Turbocharging Systems Operation, Diagnosis, and Service
- Operation of Speed Density Air Inlet System
- Operation and Diagnosis of a Universal Exhaust Gas Oxygen (UEGO) Sensor
- Electronic Component Symptoms and Diagnostic Methods

## RECOMMENDED FOR:

This course is recommended for all Service Technicians who will be diagnosing and servicing these systems.

Bennigan's Grill & Tavern  
2023 7th Ave North  
Clear Lake, IA 50428

December 4, 2018 - 6:00pm to 9:00pm  
Food served at 5:30pm

## (ECOBOOST) ENGINE OPERATION, DIAGNOSIS, AND SERVICE DIRECT INJECTION TURBOCHARGED

Clear Lake ECO-Boost Seminar December 4, 2018

Location

Name

Shop Name

Email

Cost: 1st Student \$45 (\$35 PSC) - Each additional \$10 = Total \$\_\_\_\_\_

**TO ENROLL** email [training@johnstonauto.com](mailto:training@johnstonauto.com) or give this form to your local JAS.

TRAINING