JOHNSTON
AUTOSTORES

TRAINING

NETWORKS AND CONTROL MODULE OPERATION, DIAGNOSIS AND SERVICE

TECHNICAL CONTENT: Intermediate

LEARNING OBJECTIVE: Deliver current information to Technicians on electronic networking systems, including components, strategies, symptoms, diagnosis and testing, so that they can properly repair Ford network and control module issues.

RECOMMENDED: Working knowledge of vehicle electrical/electronics systems.

Modern vehicles depend on networks and control modules for almost every system. From the wheels to the engine and everything in between, Service Technicians must understand the operation, diagnosis and service of these systems. This course includes the latest information on electronic automotive networking systems.

Topics of this course include:

- Overview of Modern Vehicle Networks
- Network Components, Strategies, Symptoms, Diagnosis and Testing
- Identification of Direct and Indirect Inputs and Outputs
- Specialty Modules and Network Circuitry
- Multiple Controller Area Network (CAN) Testing, Operation, Diagnosis and Service
- Network Data Transmission, Commands and Status Messages
- Resolving Scan Tool Communication Issues

- Diagnosing Networks with Digital Multi-Meter and Oscilloscope
- Using Network Tests to Determine Location of a Network Fault
- Intermittent Network Faults
- Control Module Programming UsingScan Tools
- Module Calibration, Initialization, Parameter Reset, Replacement, Programming and Reprogramming (Using J2534 Devices)
- Automatically and Manually Entering As-Built Data

NETWORKS AND CONTROL MODULE OPERATION, DIAGNOSIS AND SERVICE

CONTACT TO ENROLL

_____ _____ _____
Date   Time   Course Fee

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Location

_____
Street Address

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City/State/Zip Code

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RSVP

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Name

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Phone

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Email

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