Minuteman Trucks Education Portal

Comprehensive training to operate and maintain your International® vehicles for optimum uptime and reduced maintenance costs.

Training Courses Offered

Engine Service	
2007 Emissions Fundamentals	Web-Based Training - Identify the make-up of diesel exhaust, explain the operation of the exhaust after treatment, identify the different types of regeneration, identify the levels of emission control warnings and perform a Parked Regeneration.
Quick Tips Training - 2007 Emission Controls	Web-Based Training - This program is designed to provide a better understanding of the 2007 emission warning lights and what steps to take for proper regeneration during each type of alert.
2007 MaxxForce™ Aftertreatment (AFT) System	Web-Based Training - This course covers the components of the Aftertreatment system and their operation.
I-6 Valve Adjustment, Inspection and Repair Practice	Web-Based Training - A self-study guide to I-6 Valve service.
2013 HD OBD Overview for Technicians	Web-Based Training - This course is intended to introduce technicians to Heavy-Duty On-Board Diagnostics, and the HD OBD related changes to Navistar's vehicles and engines.
2013 Aftertreatment System with SCR Overview for Technicians	Web-Based Training - This course is intended to provide technicians with a description of Diesel Exhaust Fluid (DEF), components of the Aftertreatment System, including the Selective Catalytic System (SCR), and operation of the Aftertreatment System on model year 2013 and newer vehicles.
MaxxForce™ 7	
2007 MaxxForce™ 7 Air Management	Web-Based Training - Air Management System components, their operation, and turbocharger diagnostics.
2007 MaxxForce™ 7 Engine Overview	Web-Based Training - Course covers general engine information including engine performance data, specifications, componentry and engine identification.
2007 MaxxForce™ 7 Fuel Management	Web-Based Training - The goal of this course is to introduce the technician to the components, and diagnostics of the MaxxForce™ 7 fuel system.
2010 MaxxForce™ 7 Engine-to- Chassis Interface	Web-Based Training - The goal of this program is to familiarize service personnel with how the 2010 model year MaxxForce 7 engines are incorporated into the medium-duty trucks and buses. This course covers the following modules: Power Steering, Cooling System, Fuel and Air Management, Aftertreatment and Vehicle Air System, Electronic Control System, and Instrument Panel.

Training Courses Offered

MaxxForce™ 7 continued	
2010 MaxxForce™ 7 for Technicians	Web-Based Training - This course is intended for personnel who maintain, diagnose and repair Navistar® medium duty truck engines. The goal of this program is to provide service technicians with an introduction to the 2010 model year MaxxForce™ 7 engine systems. This course covers the following systems: Lubrication, Cooling, Fuel, Aftertreatment, and Air Management.
MaxxForce™ 7 Turbocharger Repair	Web-Based Training - The purpose of this program is to show the service technician how to remove the coked oil deposits from the compressor housing. The course will identify parts of the turbo as well as walk you through disassembly, cleaning, and reassembly.
MaxxForce™ DT, 9, and 10	
2007 MaxxForce™ DT, 9, and 10 Air Management System (I-6 Engine)	Web-Based Training - Air Management System components, their operation, and turbocharger diagnostics.
2007 MaxxForce™ DT, 9, and 10 Base Engine	Web-Based Training - This course is designed to help understand the 2007 MaxxForce™ DT, 9, and 10 Base Engine.
2007 MaxxForce™ DT, 9, and 10 Engines Overview	Web-Based Training - Engine specifications, component locations, sensor locations, and design features.
2007 MaxxForce™ DT, 9, and 10 Fuel Management	Web-Based Training - This course covers the fuel-supply and injection control-pressure system components, operation, diagnostics and service.
2010 MaxxForce™ DT, 9, and 10 for Technicians	Web-Based Training - This course is intended for personnel who maintain, diagnose and repair Navistar® medium duty truck engines. The goal of this program is to provide service technicians with an introduction to the 2010 model year MaxxForce™ DT, 9, and 10 engine systems. This course covers the following systems: Lubrication, Cooling, Fuel, Aftertreatment, and Air Management.
2010 MaxxForce™ DT, 9, and 10 Engine Diagnostics	Web-Based Training - The goal of this program is to provide the service technician with the information needed to diagnose faults on 2010 MaxxForce DT, 9, and 10 engines. This course will cover engine diagnostics related to the following systems: Air Management, Fuel Management, Mechanical, Aftertreatment, and Electronic Control.
2010 MaxxForce™ DT, 9, and 10 Engine-to-Chassis Interface	Web-Based Training - The goal of this program is to familiarize service personnel with how the 2010 model year MaxxForce DT, 9, and 10 engines are incorporated into the medium duty trucks and buses. This course covers the following modules: Remote Oil Filter and Power Steering, Cooling System, Fuel and Air Management, Aftertreatment and Vehicle Air System, Electronic Control System, and Instrument Panel.

Training Courses Offered

MaxxForce™ DT, 9, and 10 continued	
MaxxForce™ DT, 9, and 10 Turbocharger Repair	Web-Based Training - The goal of this program is to train technicians in the repair of the Variable Geometry Turbocharger. The procedures discussed in this program apply to the 2007-2009 model-year MaxxForce™ DT, 9, and 10 Diesel Engines within the serial number range 3,000,000 through 3,299,999.
N9 & N10	
2010 EPA 2013 HD-OBD N9 and N10 with SCR Diagnostics for Technicians	This course is intended to introduce technicians to the Step-Based Diagnostics for the N9 and N10 engines with SCR.
2010 EPA, 2014 N9 and N10 Engine Aftertreament System Overview for Technicians	The goal of this course is to introduce technicians to the engine Aftertreatment System of the 2014 N9 and N10 engine.

Braking Systems	
Air Brakes Series Program 1: System Theory and Components	Web-based Training - This series is divided into six programs. The first program covers the basic theories of this system, followed by an introduction to the individual components.
Air Brakes Series Program 2: System Operations and Inspections	Web-based Training - This series is divided into six programs. Program two provides details on how these components function, both independently and within the toal air brakes system.
Automatic Slack Adjuster - Component Identification	Web-based Training - In this course, you will review the component identification for the Meritor Automatic Slack Adjuster.
Automatic Slack Adjuster - Diagnostics	Web-based Training - In this course, you will identify the diagnostic process for the Meritor automatic slack adjuster (ASA) for out of adjustment conditions.
Automatic Slack Adjuster - Preventative Maintenance	Web-based Training - In this course, you will review the preventative maintenance for the Meritor automatic slack adjuster.
Automatic Slack Adjuster - System Operation	Web-based Training - This course describes the system operation of the Meritor Automatic Slack Adjuster.
Foundation Brake - Cam Brake Diagnostics	Web-based Training - This course is designed to identify the process used to diagnose complaints related to foundation brake components of a cam brake system using a systematic flow process.
Foundation Brake - Component Identification	Web-based Training - In this course, you will study the general description, identification, and components for the Meritor cam brakes and automatic slack adjusters.
Foundation Brake - Preventative Maintenance	Web-based Training - In this course, you will study the preventative maintenance for Meritor cam brakes and automatic slack adjusters.
Foundation Brake - System Operation	Web-based Training - In this course, you will study the system operation for Meritor cam brakes and automatic slack adjusters.

Training Courses Offered

Braking Systems continued	
Q Plus LX500 and MX500 Cam Brakes	Web-based Training - In this course, you will study the component differences and preventative maintenance for Meritor Q Plus, LX500 cam brake and MX500 cam brake.
Q Series & Q Plus Component Identification	Web-based Training - In this course, you will study the general description, identification, and components for Meritor Q Series and Q Plus.

Power Steering	
Power Steering Series	Web-Based Training - This is a multi program course. Programs I–III cover the operation of the pump, steering gear and integrated hydraulic brake booster system. Program IV covers troubleshooting techniques. Program V covers common service procedures.

A/C & HVAC Systems	
Performance A/C® Program 1	Web-Based Training - This course covers the basic theory and components of air conditioning systems. It also covers the basic diagnostic and servicing procedures for air conditioning systems.
Quick Tips Training - Diagnosing A/C Systems Using Gauge Readings	Web-Based Training - This training program is designed to provide a better understanding of how to read pressure gauges when diagnosing vehicle air conditioning concerns.
Quick Tips Training - Recalibration of the HVAC Actuator Motors	Web-Based Training - This training provides technicians with the information needed to effectively recalibrate the HVAC control head and actuator motors after testing or replacement.
Quick Tips Training - Refrigerant Oil Calculation During Compressor Replacement	Web-Based Training - This training provides technicians with the information needed to effectively calculate refrigerant oil amounts during compressor replacement.

International Systems	
Introduction to Diamond Logic® Electrical System	Web-Based Training - Module 1: Multiplexing 101, Module 2: Electrical Features overview (08 & 60 codes), Module 3: Servicing Electrical Options (Via ISIS)
Navistar Safety	Web-Based Training - Navistar Safety requirement designed to reinforce the principles of shop safety.

Training Courses Offered

International Systems continued	
OnCommand™ Parts Information for Fleets	Web-Based Training - Shows customers how to navigate and utilize the OnCommand Parts Information (formerly Fleet Parts Catalog Online) system.
OnCommand™ Service Information for Fleets	Web-Based Training - Provides customers an overview of the basic navigation and viewing of content on the most frequently used areas of OnCommand Service Information (formerly Fleet ISIS) system.
Repair Advocate for Fleets	Web-Based Training - This course covers the introduction and usage of the Repair Advocate system.
ServiceMaxx Introduction and Usage	Web-Based Training - This program is designed to take you step-by-step through the basic features and functions of ServiceMaxx.
Service Portal Training for Service Managers	Web-Based Training - In this program, you'll learn about the tools and resources you may utilize to manage your business on a day-to-day basis.
Service Portal Training for Service Advisors	Web-Based Training - In this program, you'll learn about the tools and resources you may utilize when creating estimates.
Service Portal Training for Service Technicians	Web-Based Training - In this program, you'll learn about the tools and resources that are available for your use when repairing a vehicle.
Introduction to the Next Generation Diagnostic Manuals	Web-Based Training - This course is intended to introduce technicians to Navistar`s Next Generation diagnostic manual.

Electrical Systems Series Basics	
Electrical Systems Series Basics Program I: Fundamentals	Web-Based Training - An overview of the basic principles of electricity. Then we cover the different electrical properties and how to identify these properties using symbols. Finally, we show you how these different values work together.
Electrical Systems Series Basics Program II: Circuits	Web-Based Training - An overview of circuits and the different ways they can be arranged. Then we show you some of the ways circuits can be interrupted. Finally, we cover some basic circuit protection devices.
Electrical Systems Series Basics Program III: Wiring	Web-Based Training - An overview of wiring components. Then we show you a couple of ways to identify wires and finally some basic testing and repair techniques.
Electrical Systems Series Basics Program IV: Connectors	Web-Based Training - An overview of connectors and their maintenance. Then we show you how to repair some of the common connectors found on International vehicles.

Training Courses Offered

Electrical Systems Series Basics continued	
Electrical Systems Series Basics Program V: Multimeters	Web-Based Training - An overview of multimeters, which include voltmeters, ohmmeters and ammeters. Essential for proper vehicle diagnostics.
Electrical Systems Series Basics Program VI: Motors, Solenoid & Relays	Web-Based Training - This program provides you with the basic theory and operation of electrical motors, solenoids and relays.
Electrical Systems Series Basics Program VII: Diodes & Resistors	Web-Based Training - This program provides you with a basic understanding of the theory and operation of Diode, resistors and transistors.
Electrical systems Series Basics Program VIII: Transducers	Web-Based Training - This program provides you with the basic knowledge and general understanding of the theory, operation and types of transducers.