

Course Code	Course Title	Course Description	Duration (Minutes)
2013 & 2017 Emissions Package			
8354	2013 HD OBD Overview for Technicians	Introduction to heavy-duty on-board diagnostics, and the HD OBD related changes to Navistar® vehicles and engines.	60.00
8359	2013 Aftertreatment System with SCR Overview for Technicians	Description of diesel exhaust fluid (DEF), components of the aftertreatment system, including the selective catalytic reduction system (SCR), and operation of the aftertreatment system on model year 2013 and newer vehicles.	60.00
9019	2017 Aftertreatment System Overview	In-depth description of the components and operation of the 2017 aftertreatment system utilized on diesel-powered vehicles.	25.00

2013 N13 Package			
8356	2010 EPA 2013 HD-OBD N13 with SCR Diagnostics for Technicians	Introduction to Navistar® N13 step-based Diagnostic procedures.	80.00
8629	2010 EPA, 2013 N13 Engine Aftertreatment System Overview for Technicians	Introduction to the 2010 EPA 2013 N13 engine aftertreatment system components and operation.	50.00

2010 EPA, 2014 N9 and N10 Engine Aftertreatment System Overview for Technicians			
8499	2010 EPA, 2014 N9 and N10 Engine Aftertreatment System Overview for Technicians	Introduction to engine aftertreatment system of the 2014 N9 and N10 engine.	10.00

2015 N13 Package			
8520	2015 N13 Engine Overview for Technicians	Introduction to the 2015 N13 engine.	25.00
8573	2015 N13 Engine Exhaust Manifold Service	Demonstrates the inspection and replacement of the exhaust manifold and the exhaust manifold cuff seals on the 2015 N13 engine.	15.00

2015 PSI® 8.8L LPG Engine Package			
8517	Propane 101	Introduces propane as a fuel source for over-the-road vehicles.	20.00
8777	2015 PSI® 8.8L LPG Engine Overview	Introduces the 2015 PSI 8.8L LPG Engine.	25.00
8802	2015 PSI® 8.8L LPG Engine Fuel System Service Procedures	Demonstrates the procedure to purge, service, and prime the fuel system on the 2015 PSI 8.8L LPG Engine.	30.00
8810	Propane Evacuation Unit Overview	Demonstrates how to safely use the propane evacuation unit, Navistar® tool number 15-132-01, to drain and fill Navistar® vehicles equipped with propane powered engines.	30.00
9092	2019 PSI 8.8L Propane Fuel System Overview	Introduces updated components and features of the 2019 PSI 8.8 liter propane engine fuel system.	20.00

Air Brakes Package			
7819	Air Brakes Series Program 1: System Theory & Components	Covers the basic theories of this system, followed by an introduction to the individual components.	94.80
7820	Air Brakes Series Program 2: System Operations & Inspection	Provides specific details on how these components function, both independently and within the total air brakes system.	72.00
7821	Air Brakes Series Program 3: System Tests	Covers specific tests for diagnosing the brake system and individual components.	37.80
7822	Air Brakes Series Program 4: Supply System Component Tests	Covers specific tests for diagnosing the brake system and individual components.	70.20
7823	Air Brakes Series Program 5: Actuation System Component Tests	Covers specific tests for diagnosing the brake system and individual components.	48.00
7824	Air Brakes Series Program 6: Common Service Procedures	Concludes the Air Brakes training series by providing some common service procedures.	99.00

Basics Package			
5756	Fluid Analysis Sampling Procedures (TCN-03-113)	Fluid analysis sampling procedures.	15.00
5760	Introduction to Pre-Delivery Inspection	Provides the knowledge needed to complete a pre-delivery inspection. Shows where to reference the correct information to do the inspection and how to properly complete the Pre-Delivery Inspection report.	45.00
5761	Quick Tips Training - Fuel Tank Cleaning	Procedures on how to effectively clean a truck's fuel tank. The recommended equipment for performing these procedures is the Portable Tank Cleaning Unit.	10.80
7439	Performance PM®	Insight to the complete Performance PM® process.	60.00

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Brakes Package			
5579	Diamondlife™ Disc Brakes Update II (TCN -040401)	Update on the Diamondlife™ Disc Brakes. This is a comprehensive look at the updated system.	45.00
5584	Medium Duty Full Power Hydraulic Brakes-Program I: Introduction / Theory & System Operations (TCN-040701)	Introduction to the features and benefits unique to this highly advanced brake system.	21.00
5585	Medium Duty Full Power Hydraulic Brakes-Program II: Full Power Brake Component Features (TCN-040701)	Detailed information on how the major components function alone and with one another within the full power brake system.	36.00
5586	Medium Duty Full Power Hydraulic Brakes-Program III: Braking Modes (TCN-040701)	Covers the four modes of operation within the full power brake system, with a focus on the antilock brake system.	24.00
5587	Medium Duty Full Power Hydraulic Brakes-Program IV: Basic Diagnostics & WABCO TOOLBOX® Software (TCN-040701)	Introduces the basic diagnostic and operating condition information, accessible via the EZ-Tech® and WABCO TOOLBOX® software.	7.80
5588	Medium Duty Full Power Hydraulic Brakes-Program V: Common Service Procedures (TCN-040701)	Common procedures and tool requirements necessary when completing repairs of the major components within the full power brake system.	30.00
5589	Medium Duty Full Power Hydraulic Brakes-Program VI: Repair Procedures (TCN-040701)	Detailed procedures on how to service and repair the major components within the full power brake system.	82.20
8485	Next Generation Hydraulic Brake System	How to perform pre-programmed tests, as well as user defined tests.	20.00

Diagnostic Tools Package			
9188	EZ-Tech® Introduction and Usage	Introduces the EZ-TECH® device, key features and functions, and primary software.	22.00
6946	ServiceMaxx™ Overview and Snapshot Analysis	Step-by-step walkthrough the basic features and functions of ServiceMaxx™.	34.80
8485	Cylinder Performance Analyzer Tool Instruction Update	How to perform pre-programmed tests, as well as user defined tests.	45.00

DLB Package			
5711	Diamond Logic® Builder Introduction and Usage Series	Introduces the Diamond Logic® Builder software and familiarizes with its functions and navigation.	85.00
8812	Generation 4 Body Controller Overview	Introduce and describes the generation 4 body controller and 500k communication baud rate.	25.00

DPF Cleaning			
8766	2014 Diesel Particulate Filter Cleaning Update	Introduces the FSX diesel particulate filter cleaning system and the service procedures that must be followed when using the system.	20.00

Hydraulic Clutch			
7892	Hydraulic Clutch	Provides an introduction, demonstration, and repair procedures of the hydraulic clutch system. Covers the components, operation, and bleed procedures of both the hydraulic linkage and the optional air assist system.	18.00

Electrical Package			
5703	Electrical Systems Series Basics Program I: Fundamentals	Overview of the basic principles of electricity. Covers the different electrical properties and how to identify these properties using symbols. Shows how these different values work together.	22.20
5704	Electrical Systems Series Basics Program II: Circuits	Overview of circuits and the different ways they can be arranged. Shows some of the ways circuits can be interrupted. Covers basic circuit protection devices.	24.00
5705	Electrical Systems Series Basics Program III: Wiring	Overview of wiring components. Shows a couple of ways to identify wires and some basic testing and repair techniques.	25.20
5706	Electrical Systems Series Basics Program IV: Connectors	Overview of connectors and their maintenance. Show how to repair some of the common connectors found on International® vehicles.	34.20
5707	Electrical Systems Series Basics Program V: Multimeters	Overview of multimeters, which include voltmeters, ohmmeters and ammeters. Essential for proper vehicle diagnostics.	37.20
5708	Electrical Systems Series Basics Program VI: Motors, Solenoid & Relays	Basic theory and operation of electrical motors, solenoids and relays.	15.00
5709	Electrical Systems Series Basics Program VII: Diodes & Resistors	Provides a basic understanding of the theory and operation of diode, resistors and transistors.	18.00
5710	Electrical Systems Series Basics Program VIII: Transducers	Provides basic knowledge and general understanding of the theory, operation and types of transducers.	18.00

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5714	Electrical System Tester & Smart Battery Charger (TCN-080701)	Covers the International® electrical system tester digital multimeter functions and computer interface.	144.00
8788	Battery Tester Tool - EXP-1000-HD Upgrade	Introduces the upgrades made to the Midtronics® handheld battery and electrical system diagnostic tool, Navistar® tool number EXP-1000-HD-NAV.	20.00
8812	Generation 4 Body Controller Overview	Introduces and describes the generation 4 body controller and 500k communication baud rate.	25.00

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HVAC Package			
5786	Performance A/C Program 1	Covers the basic theory and components of air conditioning systems. Also covers the basic diagnostic and servicing procedures for air conditioning systems.	109.80
5794	Performance A/C Program IV: ProStar® Series	Introduces the ProStar® HVAC system components and show unique inspection/diagnostic/service procedures.	72.00
5969	Quick Tips Training - Diagnosing A/C Systems Using Gauge Readings	Provides an understanding of how to read pressure gauges when diagnosing vehicle air conditioning concerns.	9.00
6365	Quick Tips Training - Recalibration of the HVAC Actuator Motors	Provides information needed to effectively recalibrate the HVAC control head and actuator motors after testing or replacement.	10.20
6806	Quick Tips Training - Refrigerant Oil Calculation During Compressor Replacement	Provides information needed to effectively calculate refrigerant oil amounts during compressor replacement.	6.00
7201	12-Volt Auxiliary No-Idle HVAC System	Overview of the 12-volt auxiliary no-idle HVAC system, how to operate the system and when to service the system.	16.80
8086	2010 A/C Update	Provide information covering the updates to the 2010 air conditioning system found on International® Trucks. Covers the components, operation, and diagnostics related to air conditioning system.	45.00
8114	Webasto™ Air Top 2000™ Heater	Upon completion, the participant will be able to operate the heater, identify components, perform preventive maintenance, perform the diagnostic procedures, and replace components following the correct procedures.	30.00
8335	A/C System Flushing	Introduces essential resources, tools, equipment, and procedures for performing a flush service on the most commonly found Navistar® air conditioning systems.	64.80

IC Bus® Package			
5384	CE Bus® Program 1: Orientation	Introduction to the CE Bus® from a technician's standpoint. Topics include overview of: interior and exterior systems highlighting design features and serviceability.	43.20
5385	CE Bus® Program 2B: Electrical Introduction	Basic high-level coverage of the complete multiplexed CE Bus® electrical system.	7.80
5386	CE Bus® Program 2C: Unique Repair	Coverage of unique repair procedures and features of the CE Bus® Radiator and air-to-air module, wiper system, and engine orientation.	16.20
5391	CE Bus® Program 2A: Full Power Brakes	Coverage of the complete CE Bus® Full Power Brakes system including theory, diagnosis and repair.	94.80
9604	IC Bus CE Series Overview and Walkaround	Introduction to the improvements and enhancements of the re-designed CE Series Bus.	15.00
9605	IC Bus CE Series Operator Controls	Introduction to the operator controls of the next generation IC® CE Series Bus.	24.00
9608	IC Bus CE Series HVAC System Overview	Overview of the heating, ventilation, and air conditioning, or HVAC, systems utilized on the re-designed IC Bus® CE Series.	20.00
9607	IC Bus CE Series Electrical System Overview	Introduction to the electrical system of the CE Series Bus.	20.00
9609	IC Bus® CE Series Diamond Logic® Builder Usage and Overview	Introduction to specific features on the new IC Bus® CE Series and their integration with Diamond Logic® Builder software.	15.00
9099	New Product Insight - IC Bus Next Gen CE	Information on the IC® Bus Next Gen CE Series.	24.00

NavKal™ Certification			
8493	NavKal™ Certification	Certifies technicians to use the NavKal™ software.	30.00

ProStar® Package			
5161	ProStar® Front Air Suspension	Provides background knowledge on how the various components function within the ProStar® front air suspension and axle assembly.	46.20
5619	ProStar® Series Cab	Overview and unique service procedures related to the bumper, skirt and cab suspension systems.	49.20
5713	ProStar® Series Electrical System	Introduces ProStar® electrical system components and shows unique inspection and diagnostic procedures for the ProStar® electrical system.	49.20
5730	ProStar® Introduction for Technicians	Covers the unique features and benefits for components and serviceability on the International® ProStar®.	60.00
7781	PDI for ProStar® and LoneStar®	This program will show you how to perform inspection tasks and how to complete the pre-delivery inspection report form.	60.00

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2017 International® Truck Package			
8962	International® LT® & RH™ Overview and Walkaround	Introduce the International® LT™ & RH™ and their features.	40.00
8968	2017 International® Truck Operator Controls	Provides an in-depth description of the electronic controls and displays within the vehicle cab.	25.00
9013	2017 International® Truck HVAC System Overview	Provides an in-depth description of the heating, ventilation, and air conditioning (HVAC) system utilized on 2017 and newer International® vehicles.	15.00
9017	2017 International® Truck HVAC System Service	Provides information on unique service practices and tools related to the 2017 heating ventilation and air conditioning, or HVAC, system.	20.00
9035	International® HV™ Overview and Walkaround	Introduces the new International® HV and its features.	30.00

2017 International® A26 Package			
9014	2017 International® A26 Engine Introduction	introduce the 2017 International® A26 Engine.	10.00
9022	2017 International® A26 Engine Overview	Overview of the 2017 International® A26 Engine.	25.00
9267	TIPS: International CAC Hose	Steps to follow when replacing the cold side charge air cooler hose.	6

Service PortalSM Package			
8206	International® Service Portal SM Training for Technicians	Tools and resources for technicians.	45.00
8498	Introduction to the Next Generation Diagnostic Manual	Introduces Navistar® next generation diagnostic manual.	19.80
8511	OnCommand® Dealer Advocate	Introduces the OnCommand® Dealer Advocate program.	36.00
8486	Navigating Interactive Schematics	Instructions on how to navigate the Interactive Schematics application.	15.00
9015	Interactive Electrical Schematics	In-depth overview of the operation and function of the Interactive Electrical Schematics application.	15.00

Special Service Tools Package			
7867	Navistar® Coolant Management Tool	Demonstrates the coolant drain, pressure testing, and rapid fill procedures using the coolant management tool.	19.80
8803	Heavy-Duty Engine Lifting Bracket Installation	Demonstrates the approved procedure for installing the engine lifting bracket on EPA 07 and later 11 and 13 Liter engines. This course highlights engine with a composite valve cover.	18.00

Steering Package			
7825	Power Steering Series Program 1: Pumps	Covers the operation of the pump.	28.80
7826	Power Steering Series Program 2: Steering Gears	Covers the operation of the steering gear.	43.20
7827	Power Steering Series Program 3: Integrated Hydraulic Brake Booster	Covers the operation of integrated hydraulic brake booster system.	30.00
7828	Power Steering Series Program 4: System Troubleshooting	Covers the techniques for troubleshooting steering components.	37.20
7829	Power Steering Series Program 5: Common Service Procedures	Provides some common service procedures.	37.80
7942	Measuring Front Axle Toe	Cover the tools and proper procedure required to correctly measure front axle toe.	16.20

Systems Package			
8903	Navistar® Safety New Course Code Available	Navistar® Safety requirement designed to reinforce the principles of shop safety.	4.80
8482	Next Generation Telematics Overview	Introduces the International® and IC Bus® next generation telematics, and its features.	15.00
9294	Service Diagnostic Solutions Overview	Introduces technicians to the new Electronic Service Tool.	25.00

Vehicle Features Package			
8792	Bendix® Wingman® Fusion™ System Overview	Introduces the Bendix® Wingman® Fusion™ driver assistance system.	19.80
8814	RollTek® Rollover Protection System	Introduces the RollTek® Rollover Protection System.	15.00

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2018 PSI 8.8L Gas Engine Package			
9032	Spark Ignition 101	Provides an in-depth description of the components and operation of a spark ignition system.	20.00
9084	2018 PSI 8.8L Gasoline Engine Overview	Provides an overview of the 2018 PSI 8.8 liter gasoline engine and its operation.	12.00
9031	2018 Gasoline Fuel System Overview	Provides an overview of the gasoline fuel system, including the evaporative emissions control system.	12.00
9098	2018 EVAP System Diagnostics	Provide an overview of the evaporative emission system smoke test on the 2018 PSI 8.8 liter gasoline engine.	15.00

2019 International® CV™ Package			
8778	International® 6.6 Engine Overview	Introduces service personnel to the International® 6.6 and it's features.	30
9089	International® CV™ - GDS 2 and MDI 2 Overview	Overview of the GDS 2 software and the MDI 2 device.	10
8783	International® CV™ Circuit Diagrams	Introduces the International® CV™ circuit schematics and symbols.	12
9094	International® CV™ Electrical System Overview	Introduces the various electrical systems of the International® CV™.	60
9095	International® CV™ HVAC System Overview, Service, and Diagnostics	Introduces the International® CV™ Heating, Ventilation, and Air Conditioning (HVAC) system.	25
9097	International® CV™ Occupant Safety Systems Overview	Introduces to the occupant safety systems on the International® CV™.	25
9027	International® CV™ Occupant Safety Systems Service	Best practices when diagnosing and servicing Supplemental Inflatable Restraints systems on the International® CV™.	15
9096	International® CV™ Overview and Walkaround	Introduce the International® CV™ and it's features.	30

Electric Vehicle Package			
9374	International® eMV™ Overview and Walkaround	Overview of the International eMV, and it's key features and components.	15
9373	Electric Vehicle Powertrain and Chassis Overview	Powertrain and chassis overview of the electric vehicle platform.	10
9372	Electric Vehicle Diagnostics and Service	Introduce diagnostic and service procedures on the electric vehicle platform.	10
9371	High Voltage Safety	Introduction to the safety procedures and equipment required when working on or near a high voltage electric vehicle.	10
9370	IC Bus® Electric CE Series Overview and Walkaround	Introduction to the IC Bus Electric Series CE.	10

2021 International® A26 Package			
9294	Service Diagnostics Solutions Overview	Introduces users to some functions of the Electronic Service Tool Service Diagnostic Solutions.	15
9293	International® A26 (2021GHG) Engine Diagnostics	Introduces some of the diagnostic procedures involved with diagnosing a vehicle equipped with an International A26 (2021 GHG).	15
9292	International® A26 (2021GHG) Engine Electrical Controls	Introduces the 2021 Green House Gas International® A26 Engine and it's electrical components	30
9291	International® A26 (2021GHG) Engine Overview	Overview of the 2021 International® A26 Engine	60

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S13 Integrated Powertrain™			
9610	International® S13 Engine Overview	Introduces the International® S13 Engine.	50
9611	International® S13 Engine Controls	Introduces the S13 Engine control components and their operation.	35
9613	International® S13 Dual Stage Aftertreatment System Overview	Introduces the International® S13 Aftertreatment System components and its operation.	20
9615	International® T14 Transmission Overview	Introduces the International® T14 Transmission.	20
9616	International® T14 Transmission Electrical and Pneumatic Controls	Overview of the International® T14 transmission's electrical and pneumatic components and controls.	30
9617	International® T14 Transmission Service and Diagnostics	Introduces specific T14 Transmission service and diagnostic procedures.	15
9619	International® S13 Integrated Powertrain Maintenance Overview	Introduces the S13 powertrain maintenance guidelines and procedures.	35
9620	International® S13 Integrated Electrical Architecture	Introduces the International® S13 Integrated Electrical system.	15
9621	International® GUIDE Diagnostics	Introduces International® GUIDE Diagnostics.	15
TBD	International® S13 Dual Stage Aftertreatment Service Procedures	COMING SOON – Course will be added to portals with the S13 package once available.	20
9612	International® S13 Engine Service Procedures	Introduces procedures and special tools that have been developed to service and maintain the S13 engine.	25
TBD	International® S13 PTO Overview Controls and Diagnostics	COMING SOON – Course will be added to portals with the S13 package once available.	15

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