

## SERVICE TRAINING ACADEMY

DAIMLER TRUCKS NORTH AMERICA

# STA Guideline: Engine Course Prerequisites

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Revision Record

### Version

V6a

August 5, 2015

This document pertains to the technical service training courses for Daimler Trucks North America LLC products offered by Service Training Academy and its' affiliates. Attendees to such courses must comply with the required prerequisites as presented here.

## STA Courses with Their Prerequisites

Note: Prerequisites may include WBT, ILT, or both and are based off of passed exams.

### CEP01 – DD15 MAJOR REPAIR

Course ID	Course Title	Recommended Order	WBT	ILT
OED03	2007 AfterTreatment Systems (ATS) Introduction	1	✓	
OED04	2007 Basic Diagnostics	2	✓	
OER01	DDEC Reports	3	✓	
OEP09	Product Intro – DD15 Base Engine	4	✓	
OEP16	Product Intro – DD15 Fuel	5	✓	
OEP10	Product Intro – DD15 Cooling	6	✓	
OEP11	Product Intro – DD15 Tune-Up	7	✓	
OEP12	Product Intro – DD15 Air System	8	✓	
OEP13	Product Intro – DD15 Lubrication	9	✓	
OEP14	DDEC VI	10	✓	
OEP15	DD15 Maintenance	11	✓	
OEP17	DD13 Engine Overview	12	✓	
OEP28	Coolant Web Course	13	✓	

### CEP02 – DD15 ENGINE DIAGNOSTICS

Course ID	Course Title	Recommended Order	WBT	ILT
CEP01	DD15 Major Repair	1		✓
OEE31	Basic Electricity	2	✓	
OEQ27	DD15 Diagnostics Workbook <b>Recommended</b>	3	✓	

## CEU02 – EPA2010 UPDATE

Course ID	Course Title	Recommended Order	WBT	ILT
CEP01	DD15 Major Repair	1		✓
CEP02	Engine Diagnostics	2		✓
OEQ13	Introduction to BlueTec Components	3	✓	
OEU03	2010 DD Engine Component Changes	4	✓	
OEQ14	Introduction to On Board Diagnostics	5	✓	
OEQ12	Introduction to the BlueTec System	6	✓	
OEM14	DPF Cleaning Process	7	✓	
OEP18	DD Engine Fuel System Changes in 2011	8	✓	
OEP19	The Fuel System Integrity Check Service Routine	9	✓	
OEP20	Low Pressure Leak Test Procedure	10	✓	
OEP21	Fuel System Diagnostics	11	✓	

## CEU14 – GHG14 UPDATE

Course ID	Course Title	Recommended Order	WBT	ILT
CEP01	DD15 Major Repair	1		✓
CEP02	Engine Diagnostics	2		✓
CEU02	EPA2010 Update	3		✓
OEP22	GHG14 Aftertreatment System	4	✓	
OEP23	DDDL Diagnostics for GHG14	5	✓	
OEP24	DD Engine Component Changes	6	✓	

## CES08 – SERIES 60 MAJOR REPAIR

Course ID	Course Title	Recommended Order	WBT	ILT
OES01	Product Intro – Series 60 Fuel	1	✓	
OES02	Product Intro – Series 60 Tune-Up	2	✓	
OES03	Product Intro – Series 60 Cooling	3	✓	
OES04	Product Intro – Series 60 Air Intake	4	✓	
OES05	Product Intro – Series 60 Lubrication	5	✓	
OES06	Series 60 Maintenance	6	✓	
OED06	Basic Diagnostics	7	✓	
OER01	DDEC Reports	8	✓	
OES07	Series 60 DDEC IV-V	9	✓	

## CEN03 – MBE 900 MAJOR REPAIR

Course ID	Course Title	Recommended Order	WBT	ILT
OEN04	Product Intro – MBE 900 Fuel	1	✓	
OEQ03	Product Intro – MBE Tune-Up	2	✓	
OEN05	Product Intro – MBE 900 Cooling	3	✓	
OEN01	Product Intro – MBE 900 Air Intake	4	✓	
OEN02	Product Intro – MBE 900 Lubrication	5	✓	
OEN07	MBE 900 Maintenance	6	✓	
OED06	Basic Diagnostics	7	✓	
OER01	DDEC Reports	8	✓	
OEE06	MBE Electronics	9	✓	

## CEF01 – MBE 4000 MAJOR REPAIR

Course ID	Course Title	Recommended Order	WBT	ILT
OEF05	Product Intro – MBE 4000 Fuel	1	✓	
OEQ03	Product Intro – MBE Tune-Up	2	✓	
OEF06	Product Intro – MBE 4000 Cooling	3	✓	
OEF07	Product Intro – MBE 4000 Air Intake	4	✓	
OEF04	Product Intro – MBE 4000 Lubrication	5	✓	
OEF03	MBE 4000 Maintenance	6	✓	
OED06	Basic Diagnostics	7	✓	
OER01	DDEC Reports	8	✓	
OEE06	MBE Electronics	9	✓	

## CED01 – EPA04 ENGINE DIAGNOSTICS

Course ID	Course Title	Recommended Order	WBT	ILT
	<b>Core Systems EPA04 Series 60 Base Requirements (WBT listed below)</b>			
OES01	Product Intro – Series 60 Fuel	1	✓	
OES02	Product Intro – Series 60 Tune-Up	2	✓	
OES03	Product Intro – Series 60 Cooling	3	✓	
OES04	Product Intro – Series 60 Air Intake	4	✓	
OES05	Product Intro – Series 60 Lubrication	5	✓	
OES06	Series 60 Maintenance	6	✓	
OED06	Basic Diagnostics	7	✓	
OER01	DDEC Reports	8	✓	
OES07	Series 60 DDEC IV-V	9	✓	
	<b>Continued next page</b>			

<b>Core Systems EPA04 MBE 4000 Base Requirements (WBT listed below)</b>				
OEF05	Product Intro - MBE 4000 Fuel	10	✓	
OEQ03	Product Intro - MBE Tune-Up	11	✓	
OEF06	Product Intro - MBE 4000 Cooling	12	✓	
OEF07	Product Intro - MBE 4000 Air Intake	13	✓	
OEF04	Product Intro - MBE 4000 Lubrication	14	✓	
OEF03	MBE 4000 Maintenance	15	✓	
OED06	Basic Diagnostics	16	✓	
OER01	DDEC Reports	17	✓	
OEE06	MBE Electronics	18	✓	

<b>Core Systems EPA04 MBE 900 Base Requirements (WBT listed below)</b>				
OEN04	Product Intro - MBE 900 Fuel	19	✓	
OEQ03	Product Intro - MBE Tune-Up	20	✓	
OEN05	Product Intro - MBE 900 Cooling	21	✓	
OEN01	Product Intro - MBE 900 Air Intake	22	✓	
OEN02	Product Intro - MBE 900 Lubrication	23	✓	
OEN07	MBE 900 Maintenance	24	✓	
OED06	Basic Diagnostics	25	✓	
OER01	DDEC Reports	26	✓	
OEE06	MBE Electronics	27	✓	
	<b>One Major Repair exam required - CES08, CEN03, CEF01</b>	28		✓

## CEU01 – 2007 PRODUCT UPDATE

Course ID	Course Title	Recommended Order	WBT	ILT
CED01	EPA04 Engine Diagnostics	1		✓
	<b>One Engine Update exam Required - OES09, OEN06, OEF02</b>	2	✓	
OED03	2007 AfterTreatment System (ATC) Introduction	3	✓	
OED04	2007 Basic Diagnostics	4	✓	

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## FAQ

### HOW DO I ENROLL FOR THE COURSE?

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The enrollment process is handled by ARC.

### DO THE PREREQUISITES NEED TO BE DONE BEFORE I ENROLL?

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Yes. This helps us ensure that the technicians attending our course at least have a consistent knowledge base to build from.

### WHY CAN'T I TAKE A COURSE WITHOUT MEETING PREREQUISITES?

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Over the last 10 years, engines and systems have advanced dramatically. There have also been dramatic advances in our information systems and the way technicians employ diagnostic and repair strategies. Our courses are very focused and designed to be appropriate for the technician's level of ability. Prerequisites are the means of verifying a technician's skill level.

### WE RECENTLY HIRED A VETERAN TECHNICIAN, DO THEY NEED ADDITIONAL TRAINING?

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We have found that our updated courses offer even the most seasoned technician a rich learning experience. These courses are required because, even for seasoned technicians, the engines and systems have changed dramatically in the past few years.

## Glossary

Acronym	Term	Definition
DTNA	Daimler Trucks North America	
HDTS	Heavy Duty Truck Systems	
HVAC	Heating, Ventilation, Air Conditioning	
ILT	Instructor-Led Training	Training conducted in a classroom by an instructor
-	Prerequisite	Completion of a course (WBT or ILT) required prior to registration or attendance to another course.
STA	Service Training Academy	The group within Customer Service Excellence Team responsible for teaching service repair and diagnostic procedures to technicians and dealership/distributor trainers.
WBT	Web-Based Training	Training available on the internet

## Revision Record

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5-28-2015	5a	CEN03, CEF01, CED01	Kathy Miller	Corrected name of OEE03
5-28-2015	5a	CEP02	Kathy Miller	Corrected name of OEE31