



Technical Training – Week 43

(20.10. – 24.10.2025) at MOTORTECH Americas

SCHEDULE

Day 1. 20.10.2025

- 8:30 – 8:40 Welcome
- 8:40 – 9:10 Introduction to MOTORTECH

SCHEDULE MODULE 2

Day 1.

- 9:30 – 11:10 MIC Ignition Controllers
- ▶ MIC3+ / MIC4 / MIC5
 - ▶ Set-up and function of the ignition control units
- 11:10 – 12:15 MIC Ignition Controllers
- ▶ MIC3+ / MIC4 / MIC5
 - ▶ MICT programming software with application examples
- 12:15 – 12:45 Lunch
- 12:45 – 14:00 MIC Ignition Controllers
- ▶ MIC3+ / MIC4 / MIC5
 - ▶ Practical product training on the engine simulator
- 14:00 – 15:30 MIC Ignition Controllers
- ▶ MIC3+ / MIC4 / MIC5
 - ▶ MICT programming software with application examples
 - ▶ Practical product training
 - ▶ Possible pickup errors
 - ▶ Application notes pickup
- 15:30 – 16:30 DetCon20 Detonation Control System
- ▶ Set up and function
 - ▶ Interaction and integration
 - ▶ DetCon application notes for ignition control unit

SCHEDULE MODULE 3

Day 2. 21.10.2025

- 8:30 – 12:15 VariFuel2+3, VariStep and VariStep3
- ▶ Set up and function
 - ▶ MICT programming software
 - ▶ Zero adjustment and belt tension
 - ▶ Gas train requirements
 - ▶ Examples of the structure
 - ▶ Troubleshooting
- 12:15 – 12:45 Lunch
- 12:45 – 15:15 Mixture Control
- ▶ Lean burning / fat burning
 - ▶ Control of exhaust gas and combustion chamber temperature
- General interaction between gas and engine as a propulsion fuel
- ▶ Gas types
 - ▶ Gas production



Gas quality

- ▶ Components for the interaction
- ▶ Gas treatment
- ▶ Gastrain / zero pressure regulator

15:15 – 16:30 ITB – Throttle body with integrated stepper motor and SC100 speed controller

- ▶ Set-up and function
- ▶ Interaction and integration
- ▶ Troubleshooting

SCHEDULE MODULE 5 **Day 3. 22.10.2025**

08:30 – 12:15 Training Controls

- ▶ Set up and function of the IntelliSys Gas, AIO.GAS and AIO.NTC controls

12:15 – 12:45 Lunch

12:45 – 14:00 Training Controls

- ▶ New features of the IntelliSys Gas Base Box, introduction to new products

14:45 – 15:50 Training Controls

- ▶ IntelliMonitor/GenConfig user software

15:00 – 16:30 Training Controls

- ▶ AFR control/introduction to the current software

SCHEDULE MODULE 5 **Day 4. 23.10.2025**

08:30 – 10:20 Training Controls

- ▶ Basics elementary program (SPI, SPTM)

10:30 – 12:00 ▶ Basics power management, MINT applications

12:00 – 12:30 Lunch

12:30 – 15:00 Training Controls

- ▶ Basics screen editor for Vision Displays

15:00 – 16:30 ▶ Basics possibilities of communication



Day 5. 24.10.2025

i For the practical exercises it is necessary that each participant brings a laptop.

(includes training materials, lunch, hot and cold beverages)

with an official Purchase Order and fill out registration form.

Per training day and participant (minimum of 7 participants), the dates may be cancelled in case there are not enough participants registered on the schedule date.

MOTORTECH Americas LLC
1400 Dealers Ave. Ste A
US LA 70123 New Orleans
United States of America

MOTORTECH GmbH | Hunaeusstrasse 5 | 29227 Celle | Germany | Phone: +49 5141 93 99 0 | www.motortech.de 01.65.007-1-EUR-EN | Rev. 10/2023e

MOTORTECH AMERICAS, LLC | 1400 Dealers Avenue, Suite A | New Orleans | LA 70123 | Phone: +1 504 355 4212 | www.motortechamericas.com