

BEG-TM003

Diagnostic functions of Motronic ME/MED

Seminar contents

Day 1: Legislation regarding emissions and diagnosis

Background and objectives of legislation requirements, emissions legislation in the EU and U.S., fuel consumption legislation in the EU and U.S./worldwide, OBD legislation in the EU and U.S., deficiency/recall

On-board diagnosis

Catalytic converter diagnosis, lambda sensor diagnosis, canister purging diagnosis

Day 2: On-board diagnosis

Misfire detection, engine coolant system diagnosis, sensor diagnosis, power stage diagnosis, tank leakage diagnosis

Day 3: Diagnostic system

Diagnostic concept, DSM overview, diagnostic fault path management, diagnosis scheduler, inhibit handler, diagnosis validator

Monitoring

Failure modes, detection in ECU, monitoring concept, component monitoring, function and computer monitoring, error responses and emergency operation, torque monitoring, torque limitation

Participation details

Requirements

Basic knowledge of vehicle engines and engine management

Number of participants

Minimum 8, maximum 16

Duration

3 days
9 a.m. - 5 p.m. on first 2 days
9 a.m. - 4 p.m. on final day

Teaching method

Lecture, discussion, and exercise

Fee

€1,820

Seminar dates

On request