- History of the automobile
- Basics of the gasoline (SI) engine
- Gasoline-engine management
- History of gasoline-engine management systems development
- Systems for cylinder-charge control
- Gasoline fuel injection: an overview
- Fuel supply
- Manifold fuel injection
- Gasoline direct injection
- Ignition-system overview
- Inductive ignition system
- Ignition coils
- Spark plugs
- Motronic engine management
- Sensors
- Electronic control unit (ECU)
- Electronic control systems
- Electronic diagnosis
- Data transfer between automotive electronic systems
- Exhaust emissions
- Reducing emissions
- Catalytic emissions control
- Emissions-control legislation
- Service technology
- ECU development