

Auto-Solve Diagnostic Assistance E-book

With 252 topics and 651 technical illustrations (including 133 waveforms), the Auto-Solve Diagnostic Assistance CD-ROM provides help on a wide range of topics and vehicle problems — including turbochargers, starting circuits, variable valve timing, fault codes and fuel injection.

Listed below are the details of the contents of each chapter in this invaluable resource.

- Chapter 1
 - Electrics
 - Basic Electrics
 - Batteries
 - Keyless Go Systems
- Chapter 2
 - Starting Circuits
- Chapter 3
 - Charging Circuits
- Chapter 4
 - Electronic Ignition
 - Ignition Primary Circuits
 - Ignition Secondary Circuits
 - Testing Secondary Ignition Circuits
- Chapter 5
 - Petrol Fuel Injection
 - Petrol Indirect Electronic Petrol Fuel Injection
 - Petrol Direct Electronic Petrol Fuel Injection
- Chapter 6
 - Diesel Fuel Injection
- Chapter 7
 - Engine Control Modules
 - Mechanical Fuel Injection
 - Mechanical Fuel Injection Trouble Shooting
 - Types of Electronic Diesel Fuel Injection
 - Common Rail (part 1)
 - Common Rail (part 2)
 - Common Rail (part 3)
 - Bosch Unit Injection (Pumpe-Düse)
- Chapter 8
 - Sensors and Actuators
 - Sensors (Petrol EFI)
 - Actuators (Petrol EFI)
 - Sensors (Common Rail Diesel)
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- Chapter 9
 - Emissions and Emission Control Devices
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- Diesel Particulate Filters
- Chapter 10
 - Anti-locking Braking Systems
- Chapter 11
 - Air Conditioning
- Chapter 12
 - EOBD and Vehicle Networking
 - EOBD
 - EOBD Codes
 - Diagnostic Socket Locations
 - Communication and Binary Code
 - Multiplexing
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- Chapter 13
 - Diagnostic Procedures and Flowcharts
 - Six-Step Approach to Diagnostics
 - Flowchart - Checking batteries
 - Flowchart - Engine fails to crank or cranks slowly
 - Flowchart - Engine cranks but fails to start - Checking HT Circuits
 - Flowchart - Engine cranks but fails to start - Checking LT Circuits (Inductive Pick-up)
 - Flowchart - Engine cranks but fails to start - Checking LT Circuits (Hall effect Pick-up)
 - Flowchart - Engine cranks but fails to start - Electronic Fuel Injection
- Chapter 14
 - Waveform Library and Oscilloscope Settings
 - Waveform Library - Sensors
 - Waveform Library - Actuators
 - Waveform Library - Ignition
 - Waveform Library - Miscellaneous
 - Waveform Library - Electronic Diesel Engine Management
 - Waveform Library - Motorbike Engine Management
- Chapter 15
 - Miscellaneous Topics
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 - Hybrid Vehicles
 - Variable Valve Timing
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- Chapter 16
 - Back to basics - magazine topics