



TECHNICAL TRAINING

OPERATING PRINCIPLE - BOSCH ME7.4.4 / M7.4.4 AND EOBD

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DEALER QUALITY
DEVELOPMENT DIVISION

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BROCHURE SUMMARY

OPERATING PRINCIPLE - BOSCH ME7.4.4/M7.4.4 AND EOBD

The aim of this document is to define the composition and operation of the BOSCH ME7.4.4 and M.7.4.4 petrol engine management systems.

These devices consist of a digital ECU which analyses information from the various sensors and then operates the injectors and ignition coils at the right moment. It is also responsible for operating the petrol vapour recycling electrovalve, the gas throttle or idle regulation motor and an air injection to the exhaust pump.

The following subjects will be dealt with in this document:

- General details and presentation of the systems.
- Description and operation of the components.
- Wiring diagrams.
- Diagnostics.

EOBD is dealt with at the end of the document.

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