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00 Maintenance and general data

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BMW Maintenance System

The maintenance jobs apply up to model year 99. Refer to inspection sheet 00 of model year 94.

00 00 009	Pre-delivery check	00- 1
00 00 210	BMW running-in inspection (at 6000 km)	00- 9
00 00 220	BMW inspection I	00- 9
00 00 230	BMW inspection II = inspection I + following service work	00- 10
00 00 245	BMW annual inspection	00- 12
00 00 240	BMW engine oil service	00- 14
00 00 259	BMW safety test	00- 10
00 00 080	Replacement engine inspection (after 1000 km)	00- 15

BMW Maintenance System - USA

The scope of maintenance work remains valid until model year 02. From model year 94, refer to inspection sheet.

00 00 009	Pre-delivery inspection	00- 20
00 00 215	BMW running-in check at 1200 miles	00- 20
00 00 220	BMW inspection I	00- 27
00 00 231	BMW inspection II = inspection I + following additional work	00- 31
00 00 240	BMW annual inspection (every six months 11 and 13 months)	00- 33
00 00 245	BMW engine oil service	00- 34
00 00 259	Additional work recommended against steering knocks	00- 36
	BMW Lambda oxygen sensor service	00- 38
	BMW airbag system (SRS) check	00- 36

Foreword

The Repair Manual is intended to assist in ensuring all necessary inspections and repair work is carried out correctly and professionally. It therefore supplements the practical and theoretical training provided by our managers and technicians at our service training centres.

All of our new and 1998 model Manuals are published online.

• Repair Manuals for the specific engine

The Repair Manual covers 1.9, 2.0, 2.3 and 2.8 litre engines, removal and installation of replacement of components in the vehicle.

• Assembly Repair Manual for BMW assemblies

The Assembly Repair Manual (with groups 11, 12, 13, 23, 24 and 33) describes the removal and installation of replacement of assembled and repaired equipment. The Assembly Repair Manual also includes rules on fitting as well as fault-finding advice.

The Technical Data brochures is available as a reference for Technical Data (lighting, brakes, settings etc.)

The Repair Manual (interim) (Substrate) repair and maintenance jobs which can only be carried out on standard, i.e. not subsequently modified, vehicles.

The structure of the Repair Manual corresponds to the numbering system of the Fiat name Catalogue of the markets.

Cross references to other FSO numbers are printed both at the top and bottom of the manual as an element of the specified working time.

The page numbering is: 110 (Main) for example:

- 110 - Main group
- 11 - Subgroup
- 1 - Component/page number

All special tools referred to in the Repair Manual are listed in the special tools catalogue (Order number 21 02 0199 422). The use of special tools is illustrated where necessary in the relevant steps.

Generally, only the removal of components is required when the technical working time in the Repair Manual indicates taking down to the lowest state of removal. If it is necessary to carry out further operations during installation, reference is made to them in the 'Notes' section (note).

Ensuring that the procedure, both removal and installation, are described separately for complete cars only.

Service information systems will keep you updated with any amendments and instructions. As an additional source of information, we recommend the newly illustrated parts enclosures.

BAVERISCHE MOTOREN WERKE AG
CENTRAL SERVICE DEPARTMENT - TECHNICAL

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11 Engine

Engine M20

Engine M21

Engine M30

Engine M40

Engine M43

Engine M50

Engine M51

Engine M60

Engine S38

11 Engine M20

11 00 000	Compression - check	11-092.2
11 01 000	Engine - remove and install	11-093.2
11 11 000	Belting for oil pump drive shaft - replace	11-112.1
11 12 000	Cylinder head cover - remove and install	11-121.1
11 12 100	Cylinder head - remove and install	11-123.1
11 21 110	Timing belt - replace	11-212.1
11 40 000	Engine oil pressure - check	11-402.1
11 50 ...	Oxygen sensor - check	11-752.1

For further data refer to Assembly Repair Manual



