



BMW X5 (E53) Service Manual: 2000, 2001, 2002, 2003, 2004, 2005, 2006

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The BMW X5 (E53) repair manual: 2000-2006 contains in-depth maintenance, service and repair information for BMW X5 models from 2000 to 2006. The aim throughout has been simplicity and clarity, with practical explanations, step-by-step procedures and accurate specifications. Whether you're a professional or a do-it-yourself BMW owner, this manual helps you understand, care for and repair your BMW.

The do-it-yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information. Even if you have no intention of working on your car, you will find that reading and owning this manual makes it possible to discuss repairs more intelligently with a professional technician.

Models and engines:

- 3.0i M54 engine, 6-cylinder 3.0 liter
- 4.4i M62 TU engine, V8 4.4 liter
- 4.4i N62 engine, V8 4.4 liter (Valvetronic)
- 4.6is M62 TU engine, V8 4.6 liter
- 4.8is N62 engine, V8 4.8 liter (Valvetronic)

Engine management systems (Motronic):

- Siemens DME MS 43
- Bosch DME ME 7.2
- Bosch DME 9.2.1

Transmissions (remove, install, external service):

- Manual 5-speed S5D 280Z
- Manual 6-speed GS6-37BZ
- Automatic 5-speed A5S 390R
- Automatic 5-speed A5S 440Z
- Automatic 6-speed GA6HP26Z

New durable hardcover format - This manual is now being published as a durable, long-lasting hardcover book designed to withstand frequent use in a professional shop or home garage. All of the content of the previous softcover edition is included.

Technical features:

- Maintenance procedures from changing the ATF to replacing the fresh air microfilter. This manual tells you what to do and how and when to do it.
- Step-by-step variable camshaft timing (VANOS) service for M54 and M62 TU engines.
- Cylinder head cover gasket and crankshaft seal replacement.
- Cooling system and radiator service.
- Fuel injection and ignition system diagrams and explanations
- Information about advanced technical features such as Valvetronic, xDrive and DSC (dynamic stability control).
- Suspension repair procedures.
- Brakes, steering and ABS troubleshooting and repair.
- Heating and air-conditioning repair, including A/C component replacement.
- Body, hood and sunroof repairs and adjustments.
- Electrical system service, with an easy-to-use illustrated component locator section.
- Comprehensive wiring schematics, including power distribution and grounds.
- BMW OBD II diagnostic trouble codes, SAE-defined OBD II P-codes, as well as basic scan tool operation.
- BMW factory tolerance, wear limits, adjustments and tightening torques.

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