

BMW 3 Series

Service Manual

325i, 325xi, 328i, 328xi,
330i, 330xi, 335i, 335xi
2006, 2007, 2008, 2009



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BMW 3 Series (E90, E91, E92, E93) Service Manual: 2006-2009

**325i, 325xi, 328i, 328xi
330i, 330xi, 335i, 335xi**

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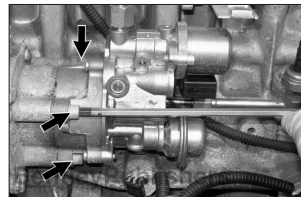
The **BMW 3 Series (E90, E91, E92, E93) Service Manual: 2006-2009** contains in-depth maintenance, service and repair information for the BMW 3 Series from 2006 to 2009. The aim throughout has been simplicity and clarity, with practical explanations, step-by-step procedures and accurate specifications. Whether you're a professional or a do-it-yourself BMW owner, this manual helps you understand, care for and repair your BMW.

Features

- Maintenance procedures from changing the ATF to replacing the cabin microfilter. This manual tells you what to do and how and when to do it.
- Step-by-step variable camshaft timing (VANOS) service for N51, N52 and N54 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, twin turbo boost 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 and hood repairs and adjustments.
- Electrical system service, with an easy-to-use illustrated component locator section.
- Comprehensive wiring schematics, including fuses and grounds.
- BMW OBD II diagnostic trouble codes, SAE-defined OBD II P-codes, as well as basic scan tool operation.
- BMW factory tolerances, wear limits, adjustments and tightening torques.



Learn how to reset condition based service (CBS) intervals using iDrive or stalk switch (cars without iDrive).
020 Maintenance



Servicing the high pressure fuel system on turbo models, including replacing HPI fuel pump.
160 Fuel Tank and Fuel Pump



Bentley technical editors removing Valvetronic motor on N51 engine.

Models covered

- 325i, 330i, N52 engine (rear-wheel drive)
- 328i, N52KP, N51 engine (rear-wheel drive)
- 325xi, 330xi N52 engine (all-wheel drive or xDrive)
- 328xi N52KP, N51 engine (all-wheel drive or xDrive)
- 335i N54 engine (rear-wheel drive)
- 335xi N54 engine (all-wheel drive or xDrive)