

BMW 5-Series 1989-1995

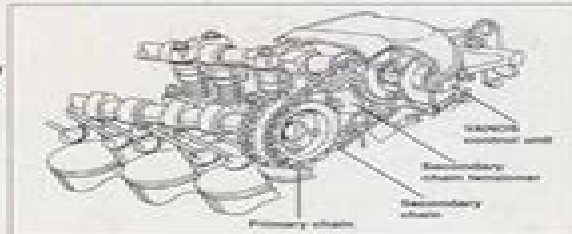
This Bentley Manual is the only comprehensive, single source of service information and specifications available for BMW 5-Series (E28) cars from 1989-1995. The aim throughout this manual has been simplicity, clarity and completeness, with practical explanations, step-by-step procedures, and accurate specifications. Whether you're a professional or a do-it-yourself BMW owner, this manual will help you understand, care for, and repair your 5-Series car.

Though the do-it-yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information, the BMW owner who has no intention of working on his or her car will find that reading and owning this manual will make it possible to discuss repairs more intelligently with a professional technician.

See how to perform routine maintenance procedures, such as resetting the service indicator light. 020 Maintenance Program, page 020-2



Engine and cylinder head service, including timing belt and timing chain setup and adjustment. 117 Camshaft Timing Chain, page 117-1

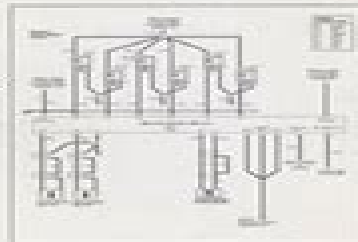


Troubleshooting and repair of components with helpful exploded views and step by step instruction. 170 Radiator and Cooling System, page 170-10



Engine Management wiring diagrams. 120 Ignition System—DME, page 120-2

Electrical wiring diagrams for all models covered in this manual. Electrical Wiring Diagrams (EWD)



Features:

- Maintenance procedures for everything from brake fluid changes to resetting the Service Indicator. This manual tells you what to do, how and when to do it, and why it's important.
- Engine and cylinder head service, repair and reconditioning, including M50 and M60 timing chain setup and adjustment.
- Extensive engine management information for specific BMW 5-Series driveability problems, including reading Check Engine light fault codes.
- Transmission maintenance, troubleshooting, adjustment and repair, including hydraulic clutch, gearshift linkage, and driveshaft.
- Body adjustments and repairs, including sedan sunroof removal and adjustment.
- Heating and air conditioning repair, including A/C micro-filter and A/C component replacement.
- Wiring schematics for all circuits, including power distribution, grounds, and component locations.
- Comprehensive BMW factory tolerances, wear limits, adjustments, and tightening torques that you've come to expect from Bentley manuals.

Models and engines covered:

- 525i (M20 with DME 1.3) 1989-1990
- 525i (M50 with DME 3.1) 1991-1992
- 525i (M50TU/VANOS with DME 3.3.1) 1993-1995
- 530i (M60 with DME 3.3) 1994-1995
- 535i (M30 with DME 1.3) 1989-1993
- 540i (M60 with DME 3.3) 1994-1995

Transmissions covered:

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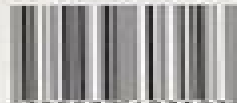
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ISBN 0-8376-0319-6



Bentley Stock No. B595

9 780837 603193 > ISBN 0-8376-0319-6



Robert Bentley, Publishers

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Bentley BMW 5-Series 1989-95 Service Manual Bentley Publishers,1998-07-03 If you re looking for better understanding of your BMW look no further This manual provides the highest level of clarity and completeness for all service and repair procedures Covers 525i 530i 535i 540i including touring **Volvo 240 Service Manual 1983 Through 1993** Bentley Publishers,1993 Vehicle Maintenance *Volkswagen Sport Tuning for Street and Competition* Per Schroeder,1997 A comprehensive guide for buying and modifying a water cooled Volkswagen to get the best performance for autocrossing road racing or street legal fun BMW 5 Series (E39) Service Manual Bentley Publishers,2003 The ultimate service manuals Bentley manuals are the only comprehensive single source of service information and specifications available for BMW cars These manuals provide the highest level of clarity and completeness for all service and repair procedures Enthusiasts do it yourselfers and professional technicians will appreciate the quality of photographs and illustrations theory of operation and accurate step by step instructions If you are looking for better understanding of your BMW look no further than Bentley Even if you do not repair your own vehicle knowledge of its internal workings will help you when discussing repairs and maintenance with your professional automotive technician This Bentley Manual is the only comprehensive single source of service information and specifications available specifically for BMW 5 Series from 1997 to 2002 The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual will help you understand care for and repair your E39 5 Series Though the do it yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information the BMW owner who has no intention of working on his or her car will find that reading and owning this manual will make it possible to discuss repairs more intelligently with a professional technician

BMW 5 Series (E39): Mechanical Robert Bentley, inc,2007 *Autocar* ,1998 **BMW 5 Series (E39): Mechanical** Robert Bentley, inc,2010 *BMW 5 Series 2 Vol (E39 Service Manual: 1997, 1998, 1999, 2000, 2001, 2002, 2003: 525i, 528i, 530i, 540i, Sedan, Sport Wagon* Bentley Publishers,2011-02 The BMW 5 Series E39 Service Manual 1997 2003 is a comprehensive source of service information and specifications for BMW 5 Series models from 1997 to 2003 The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual will help you understand care for and repair your E39 5 Series Engines covered 6 cylinder engines M52 M52 TU M54 V 8 engines M62 M62 TU Fuel injection systems covered Bosch M 5 2 M 5 2 1 ME 7 2 Siemens MS 41 0 MS 42 0 MS 43 0 Manual transmissions covered Getrag S5D 250G S6S 420G ZF S5D 320Z Automatic transmissions covered A4S 270R A4S 310R A5S 360R A5S 390R A5S 325Z A5S 560Z A5S 440Z Service and Repair Manual for BMW 5-series Martynn Randall,2005 Saloon 520i 523i 525i 528i 530i Does NOT cover 535i 540i or M5 with V8 petrol engines or new 5 Series range introduced September 2003 Petrol 2 0

litre 1991cc 2 2 litre 2171cc 2 5 litre 2494cc 2 8 litre 2793cc 3 0 litre 2979cc 6 cylinder **BMW 5 Series (E60, E61)**
Service Manual: 2004, 2005, 2006, 2007, 2008, 2009, 2010: 525i, 525xi, 528i, 528xi, 530i, 530xi, 535i, 535xi, 545i, 550i Bentley Publishers, 2011-09-23 The BMW 5 Series E60 E61 Service Manual 2004 2010 contains in depth maintenance service and repair information for the BMW 5 Series from 2004 to 2010 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 discuss repairs more intelligently with a professional technician Models covered 525i and 530i M54 engine 2004 2005 N52 engine 2006 2007 528i N52K engine 2008 2010 535i N54 twin turbo engine 2008 2010 545i N62 V8 engine 2004 2005 550i N62 TU V8 engine 2006 2010

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