

---

# 1999 Bmw 323i Repair Guide

---

B. M. W.3 Series Service and Repair Manual

BMW 7 Series (E32) Service Manual 1988, 1989, 1990, 1991, 1992, 1993 1994  
Including Jetta Iii, Golf Iii, Vr6, and Tdi 1993, 1994, 1995, 1996, 1997, 1998, and  
Early 1999

Service Manual : Coupe, Targa, and Cabriolet : 1978, 1979, 1980, 1981, 1982, 1983

BMW 3 Series (E90, E91, E92, E93) Service Manual

BMW 7 Series

Owners Workshop Manual for BMW 3-series

BMW 3 Series Service Manual: M3, 318i, 323i, 325i, 328i, Sedan, Coupe and  
Convertible 1992, 1993, 1994, 1995, 1996, 1997, 1998

Porsche 911 SC

Bentley BMW 3 Series Service Manual 1992-1998

735i, 735iL, 740i, 740iL, 750iL

Volvo 240 Service Manual 1983 Through 1993

740i, 740iL, 750iL: 1995, 1996, 1997, 1998, 1999, 2000 2001

BMW 3 Series (E46) Service Manual

How to Rebuild & Modify GM Turbo 400 Transmissions

Toyota Truck & Land Cruiser Owner's Bible

Toyota Prius Repair and Maintenance Manual: 2004-2008

BMW X5 (E53) Service Manual: 2000, 2001, 2002, 2003, 2004, 2005, 2006: 3.0i, 4.4i, 4.6is, 4.8is

BMW X3 (E83) Service Manual: 2004, 2005, 2006, 2007, 2008, 2009, 2010: 2.5i, 3.0i, 3.0si, Xdrive 30i

Volkswagen Jetta, Golf, Gti, Cabrio Service Manual

Volkswagen Jetta, Golf, GTI (A4) Service Manual: 1999, 2000, 2001, 2002, 2003, 2004, 2005: 1.8l Turbo, 1.9l Tdi Diesel, Pd Diesel, 2.0l Gasoline, 2.8l

1. 8L Turbo, 2. 8L, Including Avant and Quattro: 1996, 1997, 1998, 1999, 2000 2001 A6, Allroad Quattro, S6, RS6

M3, 323i, 325i, 325xi, 328i, 330i, 330xi, Sedan, Coupe, Convertible, Sport Wagon: 1999, 2000, 2001, 2002, 2003, 2004 2005

325i, 325xi, 328i, 328xi, 330i, 330xi, 335i, 335xi: 2006, 2007 , 2008, 2009 2010

BMW 3 Series (E46)

BMW Enthusiast's Companion

Service Manual, 1984, 1985, 1986, 1987, 1988, 1989, 1990 : 318i, 325, 325e(es), 325i(is), and 325i Convertible

Service Manual, 323i, 323Ci, 325i, 325Ci, 325xi, 328i, 328Ci, 330i, 330Ci, 330xi, Sedan, Coupe, Convertible, and Sport Wagon 1999, 2000, 2001

Service and Repair Manual for BMW 3-series

Service Manual : M3, 323i, 323Ci, 325i, 325Ci, 325xi, 328i, 328Ci, 330i, 330Ci, 330xi :  
Sedan, Coupe, Convertible, And Sport Wagon : 1999, 2000, 2001,

BMW 3-Series Automotive Repair Manual

Service Manual ; 735i, 735iL, 740i, 740iL, 750iL, 1988, 1989, 1990, 1991, 1992,  
1993, 1994

Audi A4 (B5) Service Manual

Volkswagen Rabbit/Jetta Diesel Service Manual, Including Pickup Truck and Turbo-  
diesel, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984

BMW 3- & 5-series Service and Repair Manual

BMW 7 Series (E38) Service Manual

BMW E30 - 3 Series Restoration Bible

BMW 3-series

*1999 Bmw 323i Repair  
Guide*

*Downloaded from  
<ftp.wtvq.com> by guest*

---

**ARI POTTS**

---

**B. M. W.3 Series Service and Repair  
Manual** Bentley Pub

A practical restoration manual on the E36, the 3 Series BMWs built between 1990 & 1999. Covers all models from the 316 compact to the M3. Advice is given on acquiring a good pre-owned example plus restoring & modifying engines,

bodywork, trim, electrics, suspension & mechanical parts. Detailed information on Alpina & M3 cars. A total of 148 fully illustrated colour and black & white [BMW 7 Series \(E32\) Service Manual 1988, 1989, 1990, 1991, 1992, 1993 1994](#) Brooklands Books

The BMW Repair Manual: 7 Series (E32): 1988-1994 is the only comprehensive, single source of service information, technical specifications, and wiring schematics available specifically for the BMW 7 Series from 1988 to 1994. 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 repair professional or a do-it-yourself BMW owner, this manual will help you understand, care for and

repair your E32 7 Series.

*Including Jetta Iii, Golf Iii, Vr6, and Tdi 1993, 1994, 1995, 1996, 1997, 1998, and Early 1999* Bentley Pub

If you're looking for better understanding of your E36 BMW, look no further! See and learn how to perform routine maintenance procedures with the highest level of clarity and comprehensiveness. This in-depth manual provides maintenance procedures for everything from brake fluid changes to resetting the service indicator. Covers M3, 318i, 323i, 325i, 328i, sedan, coupe and convertible models 1992-98.

*Service Manual : Coupe, Targa, and Cabriolet : 1978, 1979, 1980, 1981, 1982, 1983* Brooklands Books Limited  
Bentley Publishers is the exclusive

factory-authorized publisher of Volkswagen Service Manuals in the United States and Canada. In every manual we provide full factory repair procedures, specifications, tolerances, electrical wiring diagrams, and lubrication and maintenance information. Bentley manuals are the only complete, authoritative source of Volkswagen maintenance and repair information. Even if you never intend to service your car yourself, you'll find that owning a Bentley Manual will help you to discuss repairs more intelligently with your service technician.

*BMW 3 Series (E90, E91, E92, E93)*

*Service Manual* Robert Bentley,  
Incorporated

A Hands-on Guide To Getting The Most  
From Your Toyota. The Toyota Truck &

Land Cruiser Owners Bible? is the authoritative companion book for your Toyota truck, whether its a heavy hauling pickup, rugged off-road FJ40, or a new Land Cruiser thats never left pavement. Author, veteran truck mechanic and off-road expert Moses Ludel has written the only comprehensive source of information for Toyota Trucks and Land Cruisers-a history, buyers guide, service manual, and high-performance tuning book all in one Discover every aspect of Toyota trucks, from their origins in 1958 to the latest technological advances. Youll learn tips for buying the right new or used truck, and which accessories make sense for your needs. Step-by-step procedures with hundreds of photos cover basic maintenance and more

complicated work, like tune-ups, valve adjustments, brake jobs and installing aftermarket suspension/lift kits. Get the hot set-up for your truck, whether you want low-end torque or high-RPM power. Moses gives specific tuning recommendations for engines from the early inline-6s to the advanced 4.5L 24-valve DJ engine. He shares expert insights into the best high performance components and the latest technology from Toyota Racing Development. You'll also find suspension and chassis modifications, and the best tire and wheel combinations. Comprehensive coverage of Toyota Trucks and Land Cruisers from 1958-1996, including: \* 4Runner \* SR-5 \* Tacoma \* T-100 \* FJ25 \* FJ40 \* FJ43 \* FJ45 \* FJ55 \* FJ80 \* FJ60 \* DJ80 \* Stout \* Hi-Lux \* Xtra Cab \* Cab

and Chassis Models

### BMW 7 Series Motorbooks

Enthusiasts have embraced the GM Turbo 400 automatics for years, and the popularity of these transmissions is not slowing down. Ruggles walks through the step-by-step rebuild and performance upgrade procedures in a series of full-color photos.

### *Owners Workshop Manual for BMW 3-series* Bentley Pub

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. BMW 3 Series Service Manual: M3, 318i, 323i, 325i, 328i, Sedan, Coupe and Convertible 1992, 1993, 1994, 1995,

1996, 1997, 1998 Bentley Pub  
BMW repair manuals 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.

*Porsche 911 SC* BMW 3 Series (E46) Service Manual M3, 323i, 325i, 325xi, 328i, 330i, 330xi, Sedan, Coupe, Convertible, Sport Wagon: 1999, 2000, 2001, 2002, 2003, 2004 2005 This BMW Repair Manual: 3 Series (E46): 1999-2005 is a comprehensive source of service information and technical specifications available for the BMW E46 platform 3 Series models from 1999 to 2005. Whether you're a professional or a do-it-yourself BMW owner, this manual will help you understand, care for and repair your car. Though the do-it-yourself 3 Series owner will find this manual indispensable as a source of detailed maintenance and repair information, the 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 E46 models and engines covered in this repair manual: \* 323i/Ci (M52 TU, 2.5 liter engine) \* 328i/Ci (M52 TU, 2.8 liter engine) \* 325i/Ci/xi (M54 / M56, 2.5 liter engine) \* 330i/Cis/xi (M54, 3.0 liter engine) \* M3 (S54, 3.2 liter Motorsport engine) BMW 3 Series Service Manual: M3, 318i, 323i, 325i, 328i, Sedan, Coupe and Convertible 1992, 1993, 1994, 1995, 1996, 1997, 1998

The Volkswagen Jetta, Golf, GTI Service Manual: 1999-2005 contains in-depth maintenance, service and repair information for Volkswagen Jetta, Golf and GTI models from 1999 to 2005 built on the A4 platform. Whether you're a professional or a do-it-yourself

Volkswagen owner, this manual will help you understand, care for, and repair your Volkswagen. Engines covered: \* 1.8L turbo gasoline (engine codes: AWD, AWW, AWP) \* 1.9L TDI diesel (engine code: ALH) \* 1.9L Turbo diesel Pumpe Dse (PD) (engine code: BEW) \* 2.0L gasoline (engine codes: AEG, AVH, AZG, BBW, BEV) \* 2.8L gasoline (engine code: AFP, BDF) Transmissions covered (remove, install, external service): \* 02J 5-speed manual \* 02M 6-speed manual \* 01M 4-speed automatic \* 09A 5-speed automatic

Bentley BMW 3 Series Service Manual 1992-1998 Robert Bentley, Incorporated Provides instructions for lubricating, maintaining, and repairing the Rabbit and Jetta diesel

**735i, 735iL, 740i, 740iL, 750iL**



Haynes Publishing

This Bentley Manual is the only comprehensive, single source of service information and specifications for BMW 3 Series (E30) cars from 1984-1990.

Whether you're a professional technician or a do-it-yourself BMW owner, this manual will help you understand, maintain, and repair every system on 3 Series cars.

### **Volvo 240 Service Manual 1983**

**Through 1993** Haynes Manuals

Features: - Procedures for everything from the basic oil change service to interpreting the Malfunction Indicator Light (MIL)- Engine and cylinder head service, including camshaft timing chain setup and adjustment- Information for specific driveability problems, including explanation of engine management

systems and BMW OBD II Diagnostic Trouble Codes (DTCs)- Theory of operation and repair information for the Siemens MS 42.0 and MS 43.0 engine management systems, resonance/turbulence intake manifold and Double VANOS (Variable Camshaft Timing)- Drivetrain maintenance, troubleshooting, adjustment and repair of self-adjusting clutch (SAC), gearshift linkage, driveshaft, drive axles and all wheel drive system- Heating and air conditioning repair (IHKA and IHKR), including component replacement  
740i, 740iL, 750iL: 1995, 1996, 1997, 1998, 1999, 2000 2001 Bentley Pub Models covered: BMW 3-Series models, E46 chassis (1999 through 2005) and Z4 models (2003-through 2005) ; does not include the 318ti, 323is, 328is, Z3, or

information specific to M3 models or all-wheel drive models.

### BMW 3 Series (E46) Service Manual

Bentley Publishers

The BMW 3 Series (E46) Service Manual: 1999-2005 is a comprehensive source of service information and specifications for BMW 3 Series from 1999 to 2005. 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 E46 3 Series.

**How to Rebuild & Modify GM Turbo 400 Transmissions** Bentley Publishers Hatchback, including special/limited editions. Does NOT cover features

specific to Dune models, or facelifted Polo range introduced June 2005. Petrol: 1.2 litre (1198cc) 3-cyl & 1.4 litre (1390cc, non-FSI) 4-cyl. Does NOT cover 1.4 litre FSI engines. Diesel: 1.4 litre (1422cc) 3-cyl & 1.9 litre (1896cc) 4-cyl, inc. PD TDI / turbo.

### *Toyota Truck & Land Cruiser Owner's Bible* S-A Design

Since its introduction in 1975, the BMW 3-series has earned a reputation as one of the world's greatest sports sedans. Unfortunately, it has also proven one of the more expensive to service and maintain. This book is dedicated to the legion of BMW 3-series owners who adore their cars and enjoy restoring, modifying, and maintaining them to perfection; its format allows more of these enthusiasts to get out into the

garage and work on their BMWs-and in the process, to save a fortune. Created with the weekend mechanic in mind, this extensively illustrated manual offers 101 projects that will help you modify, maintain, and enhance your BMW 3-series sports sedan. Focusing on the 1984-1999 E30 and E36 models, 101 Performance Projects for Your BMW 3-Series presents all the necessary information, covers all the pitfalls, and assesses all the costs associated with performing an expansive array of weekend projects.

*Toyota Prius Repair and Maintenance Manual: 2004-2008* Bentley Publishers 316i, 318i, 320i, 323i, 325i, 328i & 330i (E46 models). Saloon, Coupe & Touring. Does NOT cover Compact, Convertible or M3. Petrol: 4-cyl engines: 1.8 litre

(1796cc), 1.9 litre (1895cc) & 2.0 litre (1995cc), inc. Valvetronic engines. Does NOT cover 1.6 litre (1596cc) 4-cyl engine. 6-cyl engines: 2.2 litre (2171cc), 2.5 litre (2494cc), 2.8 litre (2793cc) & 3.0 litre (2979cc)

*BMW X5 (E53) Service Manual: 2000, 2001, 2002, 2003, 2004, 2005, 2006: 3.0i, 4.4i, 4.6is, 4.8is* Robert Bentley, Incorporated

From the exotic M1 and 850Csi to the popular 3. 5- and 7-Series sports luxury tourers, this all-color Buyer's Guide points the way through the full history of the BMW marque, and offers valuable specifications, production numbers, investment advice, and more. Take the "ultimate driving machine" out for a test drive before you buy! Comparable title; Illustrated BMW Buyer's Guide, 2nd ed

(0-87938-754-8)

**BMW X3 (E83) Service Manual:  
2004, 2005, 2006, 2007, 2008, 2009,  
2010: 2.5i, 3.0i, 3.0si, Xdrive 30i**

Ashgate Publishing, Ltd.

Produced from 1984-9, the BMW 3 Series' popularity and status is maybe due to the longevity of its design, its ability to satisfy the keen driver or its iconic status but, whatever it is, there is no doubt that the E30 is one car from the past that will stay with us into the future. Focusing on the common faults which crop up repeatedly and giving detailed, simple instructions regarding repairs, this book is uniquely invaluable for owners who wish to try their hand at their own maintenance, especially those who may previously have been prevented from doing so by a lack of

technical know-how or specific knowledge.

*Volkswagen Jetta, Golf, Gti, Cabrio Service Manual* Haynes Publications

The Audi TT: 2000-2006 Service Manual contains in-depth maintenance, service and repair information for the Audi TT Coupe and Roadster models from 2000 to 2006. Service to Audi owners is of top priority to Audi and has always included the continuing development and introduction of new and expanded services. Whether you're a professional or a do-it-yourself Audi owner, this manual will help you understand, care for, and repair your Audi. Although the do-it-yourself Audi owner will find this manual indispensable as a source of theory of operation and step-by-step maintenance and repair information, the

Audi 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. Engines covered: \* 1.8L turbo gasoline (engine code: ATC, AWP, AMU,

BEA) \* 3.2L gasoline (engine code: BHE)  
Transmissions covered: \* 02J 5-speed manual (front wheel drive) \* 02M/02Y 5- and 6-speed manual (all wheel drive) \* 09G 6-speed automatic (front wheel drive) \* 02E 6-speed DSG (all wheel drive)