

Available October 28, 2002

**Volkswagen
 New Beetle**

Service Manual
 1998, 1999, 2000, 2001, 2002
 1.8L turbo, 1.9L TDI diesel,
 2.0L gasoline

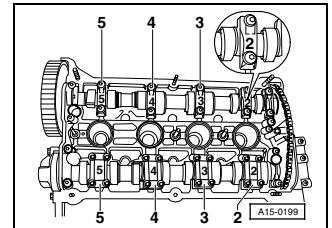


BentleyPublishers.com

www.
BentleyPublishers
 .com

**Volkswagen New Beetle
 Service Manual: 1998-2002**
 1.8L turbo, 1.9L TDI diesel, 2.0L gasoline

Retail price: \$79.95
 Bentley Stock No. VB02
 ISBN 0-8376-0376-5
 VW Part Number: LPV 800 402
 1056 pages
 1285 illustrations, and diagrams
 Softcover, 8-3/8" by 11"



Engine coverage; from basic service to cylinder head removal and installation.

The *Volkswagen New Beetle Service Manual: 1998-2002* covers the GL, GLS, GLX, and Turbo S models. This manual has been prepared using selected factory service information with the added benefit of suggestions, tips and clarification of various procedures. Bentley service manuals provide clear and comprehensive service and repair procedures. If you're looking for a better understanding of your Volkswagen New Beetle, look no further than Bentley Publishers.

Features:

- Maintenance procedures: from routine oil changes to poly-ribbed belt replacement.
- Engine and cylinder head service, including timing belt and camshaft replacement.
- Component testing, removal and installation for engine lubrication, cooling, and exhaust systems.
- Turbocharger service, removal and installation, and intercooler components.
- Fuel supply system service, including fuel pump delivery volume test, electrical checks, EVAP system, as well as mechanical and electronic throttle control (E-gas).
- Fuel injection and ignition system component identification, electrical testing, technical data, and throttle valve control module adaptation using the factory scan tool.
- Drivetrain maintenance, troubleshooting, adjustment and repair, including hydraulic clutch, gearshift linkage, drive axles, and transmission removal and installation.
- Repair information for ABS/EDL/ASR/ESP brake and stability systems.
- Suspension system service including struts, CV joints, stabilizer bar, rear wheel bearings, wheel alignment specifications and steering system.
- Interior and exterior body equipment: airbags, bumpers, front and rear body sections, doors, hood, lids, lights, instrument panel/dashboard, sunroof, seatbelts, seats, trim panels.
- Heating and air conditioning repair, including A/C electrical component replacement, compressor, fresh air blower, sensors, and vacuum hose layout.
- Factory wiring diagrams and component locations.
- Volkswagen OBD II diagnostic trouble codes section with SAE and manufacturer defined P-codes, control module coding and readiness codes.
- Comprehensive Volkswagen factory tolerances, wear limits, adjustments, and tightening torques that you've come to expect from Bentley manuals.
- Manual has been manufactured with a reinforced sewn binding for greater durability.

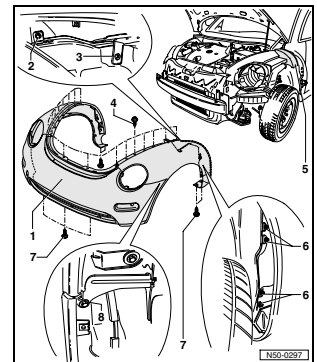
Engines covered:

- 1.8L turbo gasoline
 (engine codes: APH, AWP, AWV)
- 1.9L TDI diesel
 (engine code: ALH)
- 2.0L gasoline
 (engine codes: AEG, AVH, AZG)

Transmissions covered:

- 5-and 6-speed Manual
 (transmission codes: 02J, 02M)
- 4-speed Automatic
 (transmission code: 01M)

Detailed exploded views including front body assembly.



Up-to-date factory issued electrical wiring diagrams.

