



- Remove injection pump connection
- Remove all glow plugs using socket spanner 3220
- Fit screws in adapter V.A.O 17626 in place of glow plugs
- Check compressions with compression tester V.A.O 1381 or V.A.O 1765

#### Note

Using the compression tester => Operating instructions

- Operate starter until tester shows no further pressure increase

#### Compression pressure

New: 27 - 32 bar pressure  
Wear limit: 24 bar pressure

Permissible difference between all cylinders: 3 bar

- Install glow plugs with socket and jointed extension 3220  
Tightening torque: 15 Nm

#### Note

Faults will have been stored because the connector in injection pump has been separated. Therefore enter engine and pass fault memory

- Interrogate fault memory

=> Repair group 01, Fault memory, Interrogating fault memory Fault memory Interrogating fault memory

## 2 - Servicing valve mechanism

### 2.1 - Servicing valve mechanism

#### Note

- After camshaft is installed, the engine must not be started for approx. 30 minutes. Hydraulic compensation elements must settle (otherwise valves will strike pistons)
- After working on valve mechanism, carefully turn engine by hand at least 2 complete revolutions to ensure that no valve strikes piston when engine is started
- Always reset gauges and tests



#### 1 Intake camshaft bearing cap

- Installation position => Fig. 3
- Before installing, lightly coat sealing surfaces of front and rear bearing caps with coolant/D 454 300 A2 => Fig. 3
- Installation sequence  
=> Page 118, removing and installing camshaft

#### 2 10 Nm

#### 3 10 Nm

#### 4 Exhaust camshaft bearing cap

- Installation position => Fig. 3
- Installation sequence  
=> Page 118, removing and installing camshaft

# Passat 3b Repair Manual

**Martynnn Randall**



## **Passat 3b Repair Manual:**

*VW Passat and Santana Service and Repair Manual* Ian Coomber,1996      Volkswagen Passat (B4) Repair Manual: 1995, 1996, 1997: Including Gasoline, Turbo Diesel, Tdi 4-Cylinder, Vr6, and Wagon Volkswagen of America,2015-09-01 The two volumes of this Volkswagen Repair Manual present the service and repair information for Volkswagen Passat and Passat wagon models sold in the US and Canada For the professional automotive technician this manual includes useful specifications and procedures      Volkswagen Passat 4-Cyl A. K. Legg,2005 Saloon Estate including special limited editions Does NOT cover Tiptronic transmission or 4 Motion models Does NOT cover new range introduced June 2005 Petrol 1 8 litre 1781cc 2 0 litre 1984cc 4 cylinder including turbo Does NOT cover V5 V6 or W8 Turbo Diesel 1 9 litre 1896cc 4 cylinder Does NOT cover V6      **VW Passat (96-00) Service & Repair Manual** Martynn Randall,2002      VW Passat (96-00) Service and Repair Manual Martynn Randall,2002 Saloon Estate inc special limited editions Does NOT cover Syncro 4 Motion Does NOT cover new range introduced December 2000 Petrol 1 6 litre 1595cc 1 8 litre 1781cc 4 cyl inc turbo Does NOT cover V5 or V6 Turbo Diesel 1 9 litre 1896cc 4 cyl Does NOT cover V6      **Volkswagen Passat (B5) Service Manual** Bentley Publishers,2011-04 The Volkswagen Passat Repair Manual 1998 2005 is a comprehensive source of service information and specifications for Volkswagen Passat models built on the B5 platform from 1998 through 2005 Service to Volkswagen owners is of top priority to Volkswagen and has always included the continuing development and introduction of new and expanded services 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 Volkswagen owner this manual will help you understand care for and repair your Volkswagen Engines covered 1 8L turbo gasoline engine code s AEB ATW AUG AWM 2 8L gasoline engine code s AHA ATQ 4 0L gasoline engine code BDP Transmissions covered 5 speed manual transmission codes 012 01W 5 speed automatic transmission code 01V 6 speed manual transmission code 01E      *Whitaker's Book List* ,1987      **VW Passat Diesel** John S. Mead,2016      *VW Passat Service and Repair Manual* Robert Jex,Ian Coomber,1999 Saloon Estate inc special limited editions Petrol 1 8 litre 1781cc 2 0 litre 1984cc 4 cyl SOHC Does NOT cover 16 valve DOHC or 2 8 litre VR6 Turbo Diesel 1 9 litre 1896cc Does NOT cover 1 6 litre      **VW Owners Workshop Manual** Ian Coomber,1988 Models covered Volkswagen Passat Saloon Hatchback inc GT Estate including limited edition models 1588 cc 1595 cc 1781 cc 1921 cc 1994 cc Volkswagen Santana Saloon 1595 cc 1781 cc 1921 cc 1994 cc Does not cover Diesel engine models or Series 3 Passat range introduced May 1988      **Volkswagen Passat** ,1991 This manual was created specifically to cover four cylinder models built for sale in the United States and Canada With the comprehensive repair procedures and specifications you expect from a Bentley manual including complete tune up information plus troubleshooting of the ignition system with knock sensor troubleshooting and repair of the CIS Motronic fuel injection and engine management system disk brake reconditioning and repair and body repair including

sunroof Includes special Fundamentals section      **Volkswagen Passat, 1998, 1999, 2000, 2001 2002** ,2002 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      **Passat, Dasher** Andy Hugh,1977      *Volkswagen Passat Repair Manual* Bentley,1997 This two volume Volkswagen Official Factory Repair Manual set presents the service and repair information for Volkswagen Passat and Passat wagon models sold in the US and Canada This manual includes the official factory specifications and procedures including Vehicle care factory recommendations for proper care preventive maintenance and the best ways to maintain the value of your Volkswagen Fuel injection ignition exhaust emission controls from simple preventative maintenance to in depth troubleshooting Transmission and drivetrain the electronically controlled 4 speed automatic transmissions and 5 speed manual transmission Suspension steering and brakes strut replacement and brake service including ABS troubleshooting Electronic Differential Lock EDL traction control Air conditioning adjustments and troubleshooting Step by step procedures with large detailed views of complex assemblies broken down to their simplest parts Complete specifications with tightening torques This manual also includes complete Volkswagen electrical system information including the detailed wiring diagrams that every professional needs as well as basic instruction that takes the mystery out of electrical troubleshooting      **Volkswagen Passat Service Manual** Abram Smythe Palmer,Bentley Publishers,2002 1 8L gasoline engine codes AEB ATW AUG AWM 2 8L gasoline engine codes AHA ATO 4 0L gasoline W8 engine code BDP 5 speed Manual transmission codes 012 01W 6 speed All Wheel Drive Manual transmission code 01E 01M 5 speed Automatic transmission code 01V Maintenance procedures from oil changes to 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 driveshaft 4MOTION models removal and installation

**VW Passat Diesel (May 05 to 09) 05 to 59** Martynn Randall,2010-12 This manual covers diesel Volkswagen Passats from May 05 to 09      **Volkswagen Passat** ,2015      **VW Passat (Swedish) Service and Repair Manual** Haynes,2014-07-17 This is one in a series of manuals for car or motorcycle owners Each book provides information on routine maintenance and servicing with tasks described and photographed in a step by step sequence so that even a novice

can do the work  
Inc,1994

*Passat Type 32/33* Volkswagenwerk,1973

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