

Volkswagen Touran 2003-2015 Workshop Manual

2 Parts of lubrication system



Caution

Flying metal shavings or a large quantity of small metal particles during engine repair could indicate that the crankshaft bearings or control bearings are damaged. To prevent this from causing further damage, perform the following repairs:

Thoroughly clean oil channels

Remove engine oil cooler

Remove oil filter element

→ 2.1.1 Assembly overview - oil pump, pump

→ 2.1.2 Removing and installing oil pump

2.1 Assembly overview - oil pump, pump

1 - 15 Nm

2 - Sealing flange

- With seal
- Must sit on drive flange
- Removing and installing → 2.1.1.1
- Insert with sealant (as per → Electronic Parts Catalogue (ETKA) → 2.1.1.1
- Do not additionally oil or grease the oil seal seal lip
- Before installing, remove oil residue from crankshaft journal using a clean cloth
- Removing crankshaft oil seal - ball pulley and → 2.1.1.1

3 - Chain bracket with tensioning roll, 10 Nm

- When installing, tension spring and fit

4 - Oil dipstick

- The oil level must not be above the mark
- Markings → 2.1.1.1

5 - Piston filling

6 - Guide for

7 - Drive

8 - Drive



- Screw control nut lock nut -B- down slowly by hand until it contacts adjusting lever -1-. Do not turn further
- Screw securing nut -A- up on control nut until it lies against adjusting lever



Note

Ensure control nut does not twist while adjusting nut -B- and

- Countersink lock nut -B- with screwdriver -1- and tighten securing nut -A- with screwdriver -2- (torque → 7 Nm)
- Check colour marker on control nut. They must align with string



Note

There very little space between the cylinder head and the turbocharger. Be sure you know exactly where the feeler gauge (0.05 mm) must be positioned

- The feeler gauge (0.05 mm) must be positioned between adjusting lever and adjustment screw, as shown



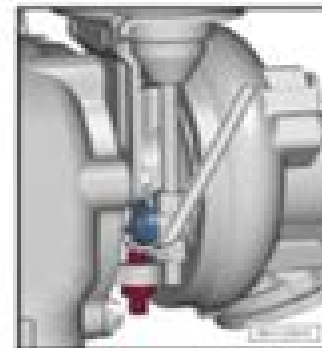
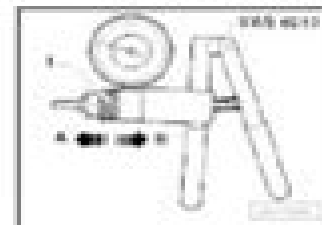
Note

The feeler gauge (0.05 mm) has a part number and must be ordered from the → Electronic Parts Catalogue

- Operate the hand vacuum pump - VAS 6213- until the feeler gauge (0.05 mm) is pinched between adjusting lever and adjustment screw

Now the initial value for 1% 20 mbar should appear on the turbocharger tester - VAS 1287A-

Value OK



Touran 20 Tdi 2003 Service Manual

**Abram Smythe Palmer, Bentley
Publishers**



Touran 20 Tdi 2003 Service Manual:

Autocar ,2006 *VW TOURAN DIESEL OWNERS WORKSHOP MANUAL* ,2017 *Volkswagen Jetta, Golf, GTI 1999, 2000, 2001, 2002, 2003, 2004, 2005* Bentley Publishers,2005 Bentley Publishers is proud to announce the publication of the Volkswagen Jetta Golf GTI Service Manual 1999 2005 This repair manual covers the late 1999 through 2005 model year Jetta Golf and GTI built on the Volkswagen A4 platform New coverage of the 1 9 Liter TDI Engine with Pump Injection Pumpe D se has been added to this edition along with 114 pages of new wiring diagrams and extensive revisions throughout the manual Bentley repair manuals provide the highest level of clarity and comprehensiveness for all service and repair procedures If you re looking for better understanding of your Volkswagen look no further than Bentley **Volkswagen Jetta, Golf, GTI Service Manual** Bentley Publishers,2003 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

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http://www.frostbox.com/data/browse/default.aspx/volkswagen_caddy_pickup.pdf

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