

# 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, page 111

## 2.1 Assembly overview - oil pump, pump

1 - 15 Nm

2 - Sealing flange

- With seal
- Must sit on drive flange
- Removing and installing → 2.000-52
- Insert with sealant on top = Electronic Parts Catalogue (ETKA) → 2.000-52
- Do not additionally oil or grease the oil seal sealing lip
- Before installing, remove oil residue from crankshaft journal using a clean cloth
- Removing crankshaft oil seal - ball pulley and → 2.000-52

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 → 2.000-52

5 - Plug-in filter

6 - Guide for

7 - Dowel

8 - O-ring



- 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 -A-.

- Countersink lock nut -B- with screwdriver -1- and tighten securing nut -A- with screwdriver -2- (torque - 11 Nm).
- Check colour markings on control nut. They must align with stop.



### Note

There very little space between the cylinder head and the turbocharger. Be sure to 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.



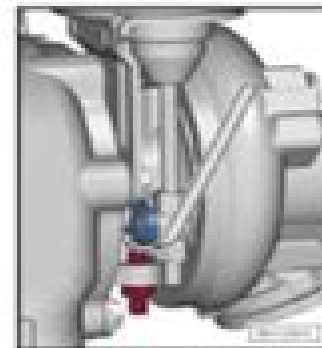
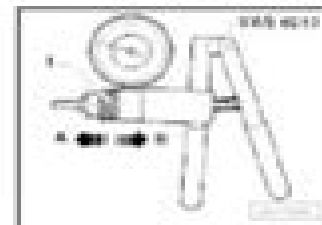
### Note

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% (0.20 mm) should appear on the turbocharger tester - VAS 1287A.

Value OK.



# Vw Touran 2015 User Manual

**Joachim Kuch**



## Vw Touran 2015 User Manual:

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