



Автомобиль	Volkswagen Passat 2,0 / 2,0 / 85 // 1990 - 1993 / 2E
Страна происхождения	-
Литраж/Мощность	2,0 / 85 kW
Характеристика двигателя	2E
Ключ RB	VWW 839 (VOL05299)

Timing Belt

Replacement Interval Guide

Every 30.000 km - check & adjust.

Engine codes ADZ, AGG, AKR, ANN, ANP: Every 120.000 km - replace (tensioner pulley must also be replaced).

All other engines: No manufacturer's recommended replacement interval.

The previous use and service history of the vehicle must always be taken into account.

Engine Damage

CAUTION: Although in the event of a timing belt failure engine damage will **NORMALLY** occur, a compression check of all cylinders should be performed before removing the cylinder head.

Repair Times - hrs

Polo Classic:	
Check & adjust	0,90
Remove & install	1,30

Golf/Jetta/Scirocco/Caddy (→1991):	
Check & adjust	0,50
Remove & install	1,10

Golf/Vento (1992→):	
Check & adjust - 1,6	0,90
Check & adjust - 1,8/2,0	0,70
Remove & install - 1,6	1,10
Remove & install - 1,8/2,0	1,30

Passat:	
Check & adjust	0,50
Remove & install	1,30

Caddy (1996→):	
Check & adjust	0,70
Remove & install	1,30

Special Tools

- | None required.

Special Precautions


- | Disconnect battery earth lead.
- | DO NOT turn crankshaft or camshaft when timing belt removed.
- | Remove spark plugs to ease turning engine.
- | Turn engine in normal direction of rotation (unless otherwise stated).
- | DO NOT turn engine via camshaft or other sprockets.
- | Observe all tightening torques.

Removal

1. Raise and support front of vehicle.
2. Remove:
 - | Auxiliary drive belt(s).
 - | Auxiliary drive belt tensioner (if fitted).
 - | Crankshaft pulley bolts [3].
 - | Crankshaft pulley [4].
 - | Water pump pulley (if required).
 - | Timing belt upper cover [6].
 - | Timing belt lower cover [5].
3. Temporarily fit crankshaft pulley. Lightly tighten one bolt.
4. Turn crankshaft until timing marks aligned [1] & [2].
5. Ensure distributor rotor arm aligned with mark on distributor body [8].
6. Remove:
 - | Crankshaft pulley bolt [3].
 - | Crankshaft pulley [4].
7. Slacken tensioner bolt [7]. Turn tensioner anti-clockwise away from belt. Lightly tighten bolt.
8. Remove timing belt.

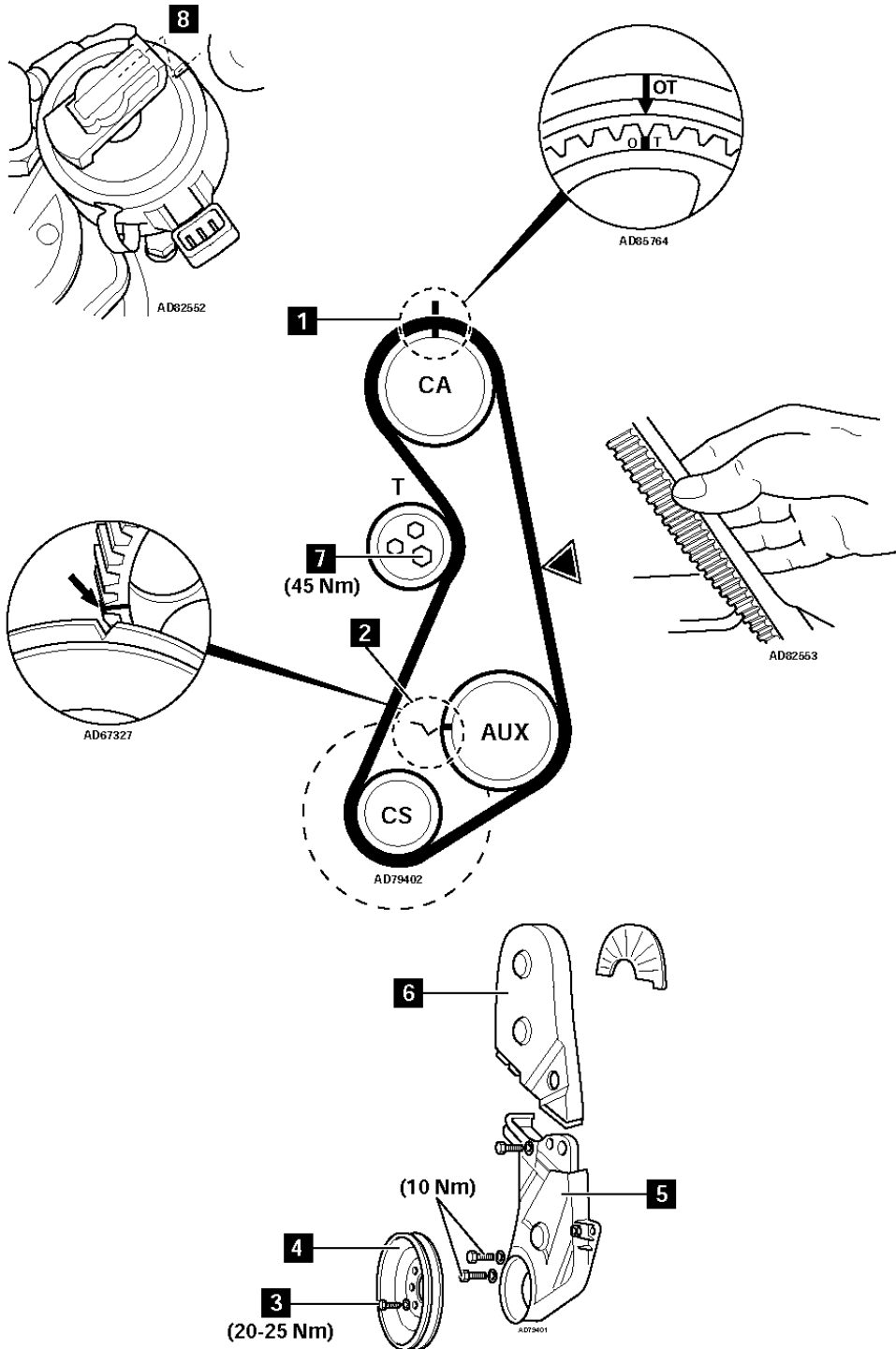
Installation

1. Ensure timing mark on camshaft sprocket aligned [1].
2. Fit timing belt to crankshaft sprocket and auxiliary shaft sprocket.
3. Temporarily fit crankshaft pulley. Lightly tighten one bolt.
4. Ensure timing mark on crankshaft pulley aligned with mark on auxiliary shaft sprocket [2].
5. Ensure distributor rotor arm aligned with mark on distributor body [8].
6. Fit timing belt to camshaft sprocket and tensioner pulley.
7. Ensure timing marks aligned [1] & [2].
8. Turn tensioner clockwise until belt can just be twisted with finger and

thumb through 90° at .

9. Tighten tensioner bolt to 45 Nm [7].

10. Turn crankshaft two turns clockwise.
11. Ensure timing marks aligned [1] & [2].
12. Ensure distributor rotor arm aligned with mark on distributor body [8].
13. Check belt tension.
14. Install components in reverse order of removal.
15. Tighten crankshaft pulley bolts [3]. Tightening torque: 20-25 Nm.
16. Tighten auxiliary drive belt tensioner bolt to 20-25 Nm (if fitted).
17. Tighten water pump pulley bolts to 20 Nm (if removed).



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