Mounting instructions: tension roller 55703

Technical info no. 1959

Applies to manufacturers:
Audi, Skoda, Volkswagen

Applies to part number:

No.	RUVILLE ref.	OE ref.
1.	55703	059 109 243 D 059 109 243 J

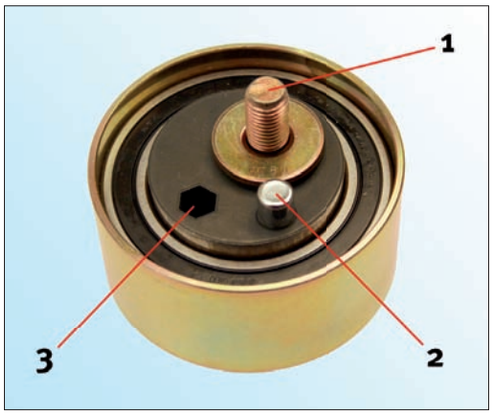
Applies to engines:

2,5 TDI	AFB, AKN, AYM, AKE, BAU BDH, BCZ, BDG, BFC

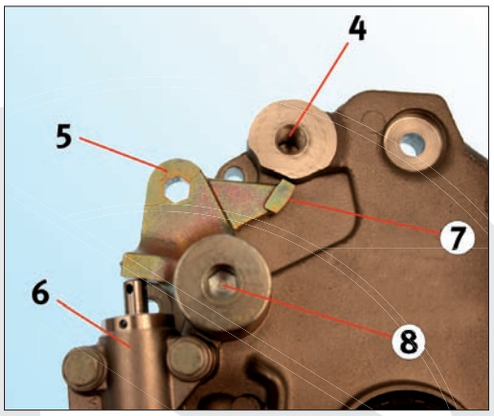
When servicing the timing drive, make sure to re-install the lower tension roller 55703 correctly.

Important note:
Failure to install the part correctly can entail an engine breakdown during operation.
Observe the original specifications of the vehicle manufacturer!

Legend:
1) Tension roller fastening screw
2) Limit stop
3) Hexagon opening
4) Tension roller mounting thread
5) Relay lever
6) Hydraulic belt tensioner
7) Relay lever contact surface
8) Relay lever fulcrum



Picture 1: 55703 (rear view)



Picture 2: Crankshaft end bracket

When installing the hydraulic belt tensioner (6) and the tension roller, make sure to adjust the tension roller limit stop (2) correctly (see pictures 3 and 4 on page 2). The limit stop (2) must rest against the contact surface (7) of the relay lever (5).

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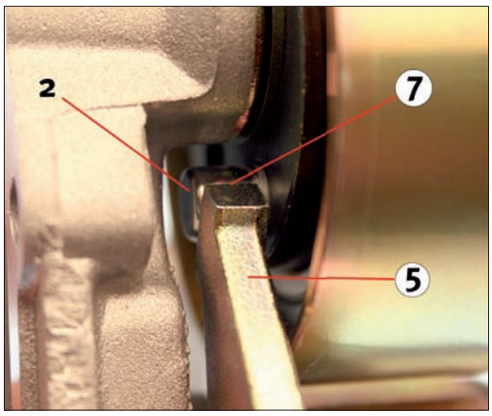
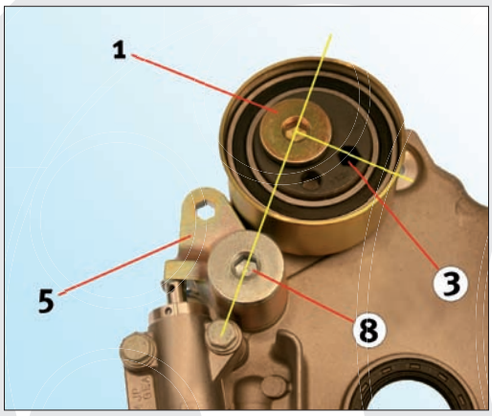
RIGHT



Picture 3: Correct assembly position (rear view)

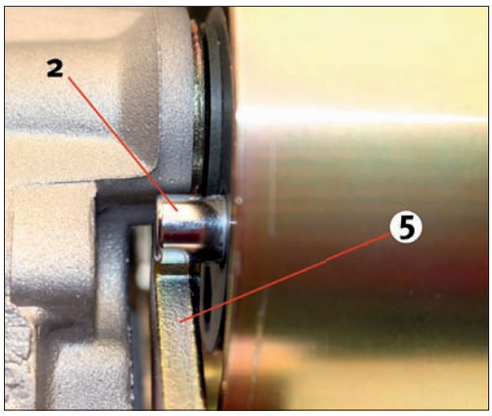
The limit stop (2) rests against the contact surface (7) of the relay lever (5).



Picture 4: Correct assembly position (front view)

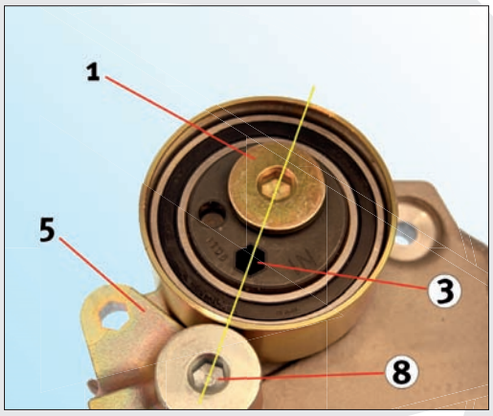
The hexagon opening (3) is located at right angles to the axis between the fastening screw (1) of the tension roller and the fulcrum (8) of the relay lever (yellow projection lines).

WRONG



Picture 5: Incorrect assembly position (rear view)

The limit stop (2) rests against the back side (7) of the relay lever (5).



Picture 6: Incorrect assembly position (front view)

The hexagon opening (3) is located on the axis between the fastening screw of the tension roller (1) and the fulcrum (8) of the relay lever (yellow projection line).

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