

**Audi**

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Technical Bulletin

Subject: **Engine, Ribbed Belt Tensioner/ Idler Roller Checking**

Group: **13**

Number: **04-03**

Model(s): **S4 with 4.2L (Engine Code BHF) and
allroad with 4.2L (Engine Code BAS)**

See Table

Date: **July 9, 2004**

Condition

Noise from front of engine may occur on initial start when accelerating between 1600-2800 RPM.

Production

◀ New tensioner roller -A- (Part No. 079 903 133E) and idler roller -B- (Part No. 079 903 341) can be identified by yellow or blue paint mark(s) -arrows-.

New tensioner roller and idler roller installed as of VIN's listed below.

Year	Model	VIN
2004	S4	8E_4A164182
2004	S4 Cabriolet	8H_4K900665
2004	allroad	4B_4N052403

Service

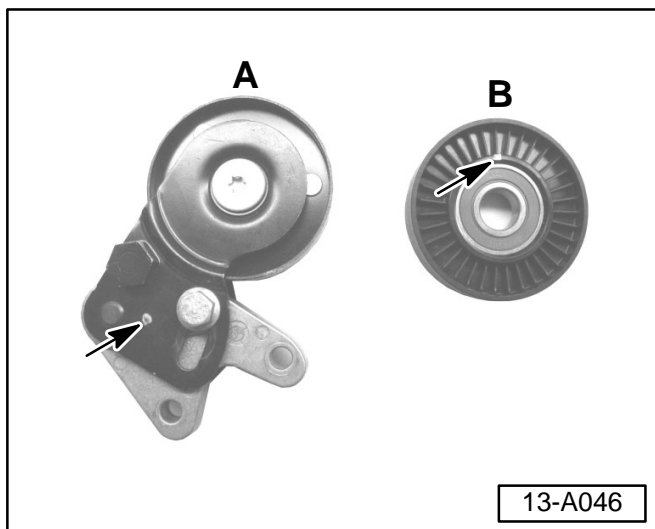
CAUTION!

Part numbers listed in this bulletin are for reference only. Always check with your Parts Dept. for the latest parts information.

Inspection

Before replacing idler roller and tensioner roller:

- Inspect ribbed belt for signs of unusual wear or damage. Replace if necessary.
- Inspect generator and crank pulley for misalignment or damage. Repair as necessary.



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Procedure

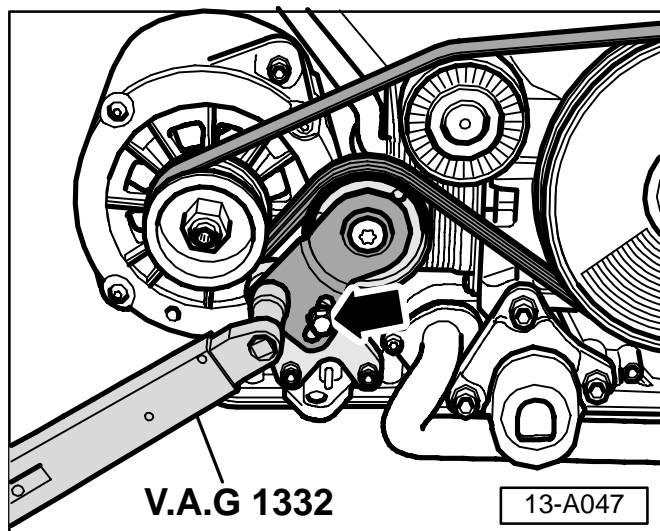
If all other components pass inspection:

- Replace tensioner roller and idler roller.
See Repair Manual, *Repair Group 13* for installation and alignment of ribbed belt.

Tension ribbed belt and tighten tensioner roller as follows:

Note:

When installing the ribbed belt, make sure it is properly seated on the pulleys.



- Position torque wrench at hex of tensioning roller and pre-tension ribbed belt to 70 Nm + 5/-0.
- Simultaneously, tighten tensioning bolt -arrow- to 22 Nm.
- Check belt routing.
- Start and Run engine for 3 minutes.
- Switch engine Off.
- Re-tension ribbed belt to 70 Nm + 5/-0.
- Simultaneously, tighten tensioning bolt -arrow- to 22 Nm.
- Start engine and check belt running.

Perform further installation in reverse order of removal.