



Technical Bulletin

Subject: **Toothed Belt Runs Towards Outside, Wears Out, Jumps Off, Cracks**

Group: **15**

Number: **97-01**

Model(s): **Golf, Jetta, Passat
with 1.9L (Engine code AAZ, 1Z) 1994 ► 1997**

Date: **June 4, 1997**

Supersedes T.B. Group 13 Number 97-01 dated Jan. 28, 1997

Condition

Toothed belt runs toward outside and wears out, jumps off, cracks or is noisy.

Service

If this condition exists:

- Replace toothed belt and automatic tensioning roller Part No: **028 109 243F**, see the appropriate Repair Manual for Models listed above.

Note:

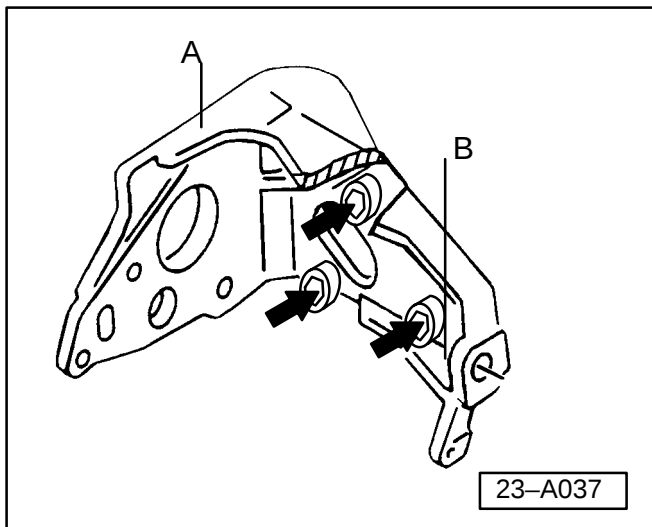
Prior to installing the new belt, clean idler pulley, crankshaft and Diesel Injection pump sprockets.

After installing new belt but prior to installing vibration damper pulley:

- Using a second Technician, start and run engine (AT IDLE) for a few seconds while observing toothed belt.
- Switch ignition OFF, then check toothed belt.
- Belt must **NOT** protrude beyond face of crankshaft sprocket.

If belt protrudes beyond face of crankshaft sprocket, adjust Diesel Injection pump mounting bracket as follows:

- Remove injection pump.
- ◀ Slightly loosen three fasteners securing bracket to engine –arrows–.
- Press bracket down at point –A– and lift at point –B– while a second Technician torques fasteners –arrows– to 25 Nm. (18 ft. lb.).
- Reinstall injection pump.



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After installing belt but prior to installing vibration damper pulley:

- Using a second Technician, start and run engine (AT IDLE) for a few seconds while observing toothed belt.
- Switch ignition OFF, then check toothed belt.
- Belt must **NOT** protrude beyond face of crankshaft sprocket.

If belt is correctly positioned:

- Reinstall remaining parts as outlined in applicable Repair Manual.

If belt protrudes beyond face of crankshaft sprocket:

- Contact the VW Technicians Helpline at:
US 1-800-678-2389
CAN 1-800-697-8655

When procedure applies to vehicles within warranty use the following:

Part Identifier: 1527

Labor Operation: 1527510 200 TU