



**Important!**

**Audi**

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# Technical Bulletin

**Subject: Engine, Front Crankshaft Seal Replacement**

**Group: 13**

**Number: 04-04**

**Model(s): See Table**

**2004**

**Date: Sept. 8, 2004**

## Condition

Replacement procedures for the 70 mm seal and a new 72 mm seal are slightly different.

Please refer to appropriate replacement procedures for the diameter seal you are replacing.

## Production

Vehicles built from VINs listed below or later use new 72 mm crankshaft seal (Part No. 079 103 051G).

Model	Engine (Code)	VIN
S4 Avant/Sedan	4.2L (BHF)	8E_4A163756
S4 Cabriolet	4.2L (BHF)	Only uses 72 mm seal
allroad	4.2L (BAS)	4B_4N057050

Vehicles built prior to VINs listed above still use 70 mm crankshaft seal (Part No. 079 103 051D).

## Service

### 70 mm Crankshaft Seal Replacement

Replace seal as outlined in Repair Manual.

- Remove seal as outlined in Repair Manual. See Repair Manual, *Crankshaft assembly, Repair Group 13*, "Crankshaft seal – ribbed belt side, replacing".
- ◆ Seal bore must be clean and dry. Use general purpose adhesive cleaner (3M Part No. 08987-aerosol, or Part No. 08984-qt. can). or equivalent.



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**Note:**

*Assemble crankshaft seal and installation tool  
before proceeding to next step.*

- Apply thin coat of Loctite 4204 (Part No. ZAW 269 204) adhesive around the crankshaft seal bore.

**CAUTION!**

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

- Install seal as outlined in Repair Manual. See Repair Manual, *Crankshaft assembly, Repair Group 13*, “Crankshaft seal – ribbed belt side, replacing”.

**CAUTION!**

***Adhesive must be allowed to dry for 1 hour before starting engine. Seal position may be altered if adhesive is not allowed to dry.***

## **New 72 mm Crankshaft Seal Replacement**

Replace seal as outlined in Repair Manual. See Repair Manual, *Crankshaft assembly, Repair Group 13*, “Crankshaft seal – ribbed belt side, replacing”.

- ◆ Do Not use Loctite adhesive on 72 mm crankshaft seal.
- ◆ The 72mm diameter crankshaft seal (ribbed belt side) will only fit engines in vehicles with a VIN number listed above or later.