

## 03-324 Renewing front crankshaft radial sealing ring

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### Tightening torques

Nm

Bolt on crankshaft

270-330

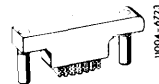
Bolts pulley to hub

35

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### Special tools

Detent (starter flange left or right)



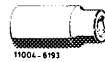
116 589 01 40 00

Torque wrench 3/4" square,  
150-500 Nm



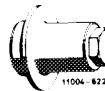
001 589 31 21 00

Socket 27 mm, 1/2" square



001 589 65 09 00

Bushing for radial sealing ring



110 589 07 61 00

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### Conventional tool

Connection 3/4" square socket  
to 1/2" socket head

e. g. Hazet, D-5630 Remscheid  
order No. 1058 RI

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### Note

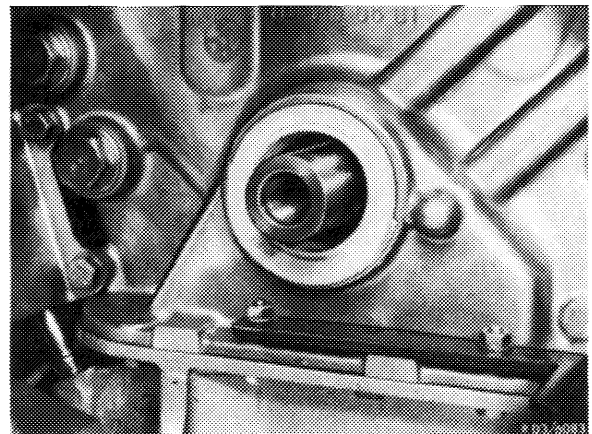
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Fill radial sealing ring prior to assembly between  
sealing and dust lip with longterm grease according  
to sheet 266.2 of Specifications for service products.

### Renewing

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1 Remove hub, vibration damper and pulley (03-  
342).

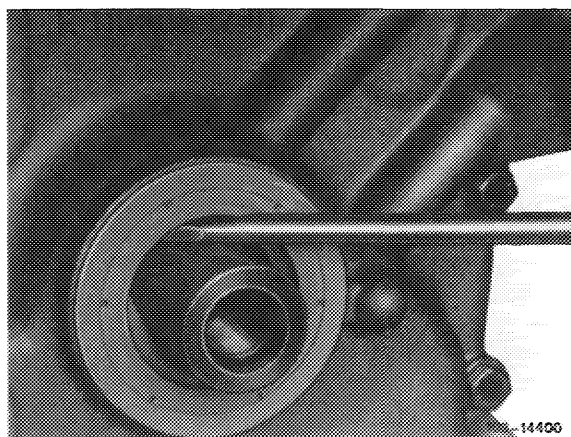


2 Push out radial sealing ring by means of a screw driver.

**Attention!**

Do not damage crankshaft and receiving bore for radial sealing ring.

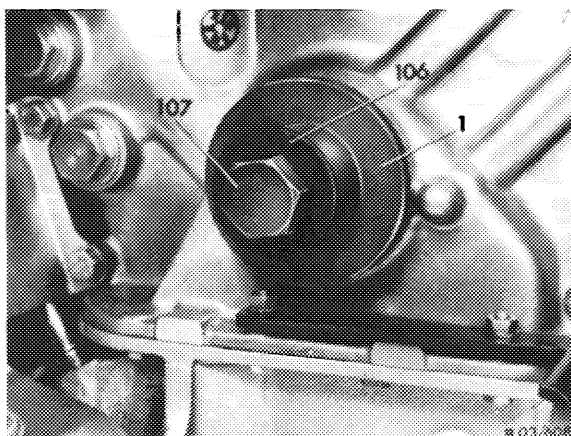
3 Deburr edge of receiving bore for radial sealing ring.



4 Install radial sealing ring with insertion bushing (1). For installation, use hex. screw (107) for attaching hub to crankshaft and a disc spring (106).

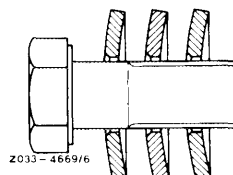
The radial sealing ring should be at right angles with crankshaft journal.

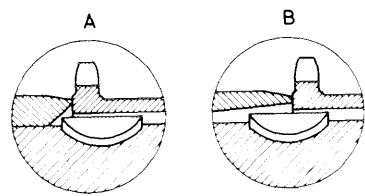
**Note:** Hubs with score marks caused by radial sealing ring must be replaced.



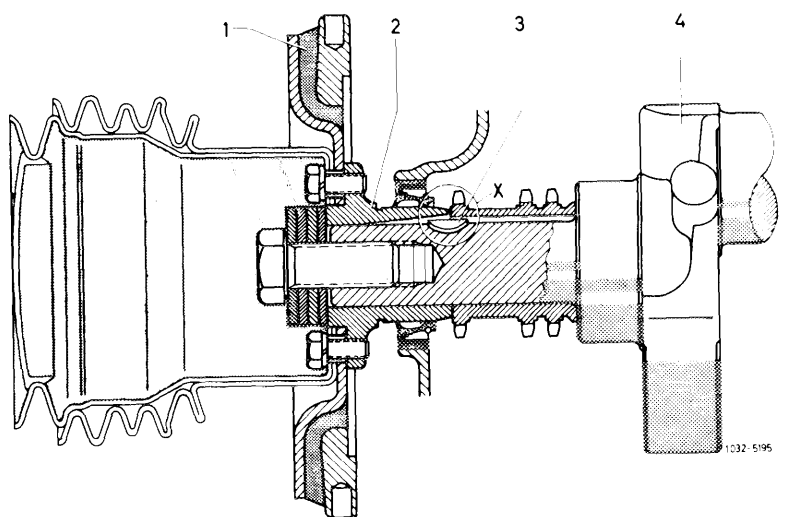
5 Install hub, vibration damper and pulley (03-342).

Mount screw M 18 x 1.5 x 45 with 4 disc washers (on light alloy engines with 3 disc washers).





Detail X



- A 1st version
- B 2nd version