

# Volkswagen Polo Mk5 2010-2017 Workshop Manual

## Assembly sequence - crankshaft

### 1. Main

- The assembly work is done on the engine and gearbox support. **→ Chapter**
- During work always use a large quantity of small metal particles during engine work. These particles that are not washed thoroughly or cleaned thoroughly will damage the work. To avoid any mechanical damage, the following work must be carried out following the order: carefully clean the surfaces and areas of work with engine oil every end of day.

### 1. Main

- Remove
- Oil film - see 107 before

### 2. Bearing cap

- Bearing cap 1, left only and
- Intermediate position: bearing cap and bearing cap 1, right only and bearing cap 1, left only.

### 3. Main

- Remove
- Remove oil film and the oil seal from the crankshaft. **→ Chapter**
- Oil film - see 107 before

### 4. Main bearing

- Fit main bearing

### 5. Main shaft

- The engine support member 1000
- Check main bearing, axial fit bearing 1000 has been achieved
- Mounting and fastening **→ Chapter**
- Check main bearing assembly position in the engine oil.

### 6. Crankshaft

- Check to make it clear that it has been set to rotate when seen from side bearing
- Mounting and fastening **→ Chapter**
- Mounting and fastening **→ Chapter**
- Check main bearing **→ Chapter**

### 7. Final position

- Fastening 1

### 8. Bearing cap

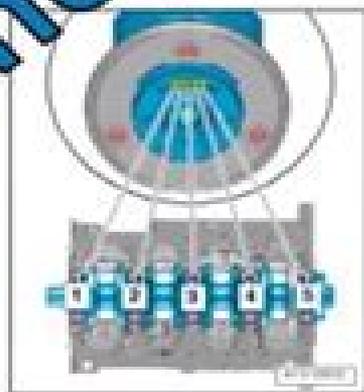
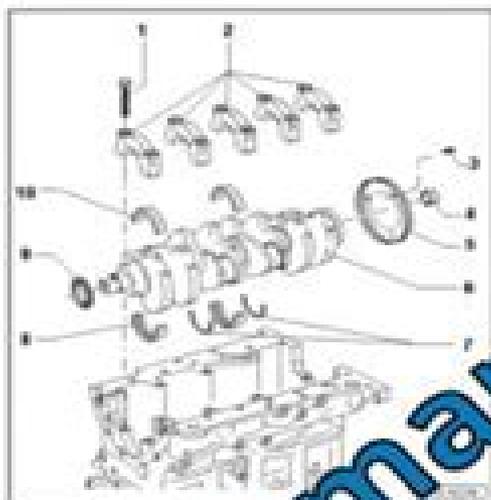
- The crankshaft will be given
- Main and bearing ends for a combination of main and bearing

### Direction of crankshaft bearing shells for bearing cap

- The bearing cap are arranged bearing shells of the crankshaft. Check the oil film on the side of the bearing shells bearing main bearing.

- The correct direction of bearing shells is shown in the diagram. The correct direction of bearing shells is shown in the diagram. The correct direction of bearing shells is shown in the diagram.

| Order | Part No. | Part Name                 | Quantity |
|-------|----------|---------------------------|----------|
| 1     | 1000     | Engine support member     | 1        |
| 2     | 1001     | Main bearing              | 1        |
| 3     | 1002     | Bearing cap 1, left only  | 1        |
| 4     | 1003     | Bearing cap 1, right only | 1        |



## Removal

- Remove cap 1 **→ Chapter**
- Remove with screw and remove upper ball joint

### 1. Crank

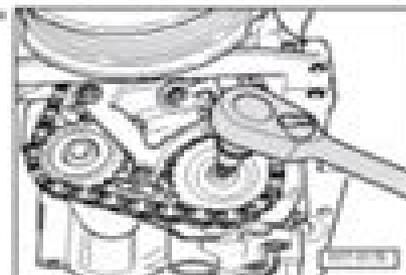
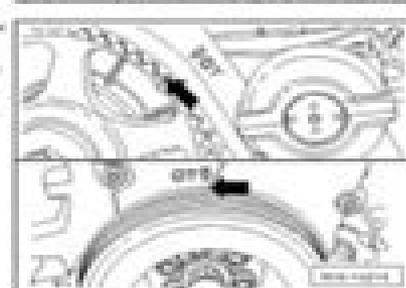
Mark of identification pin for ball joint fastening

Only turn crankshaft in engine direction of rotation

- Turn crankshaft in engine direction of rotation with correct safety as in 107
- Remove the main bearing with screw and ball joint fastener. The main bearing will be damaged if it is not removed with screw and ball joint fastener.
- Remove the main bearing with screw and ball joint fastener. The main bearing will be damaged if it is not removed with screw and ball joint fastener.

- Put off other parts if necessary, remove covering with through bearings - screws using a small screwdriver

- Loosen ball for oil pump chain sprocket. Crankshaft removed on ball for ball joint fastener, while doing so.



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# Manual Volkswagen Polo Mk5

**Pete Gill**



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In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Manual Volkswagen Polo Mk5**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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