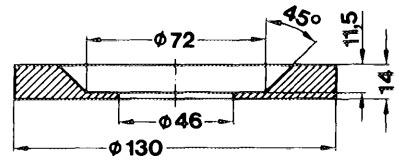
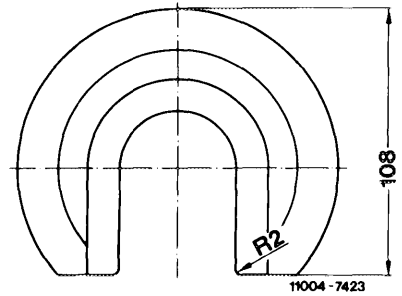


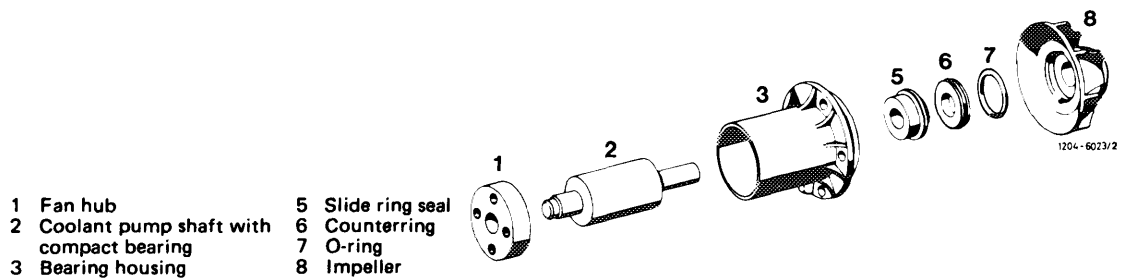
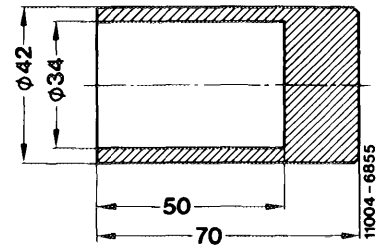
Self-made tools



Pressing-off disk for impeller



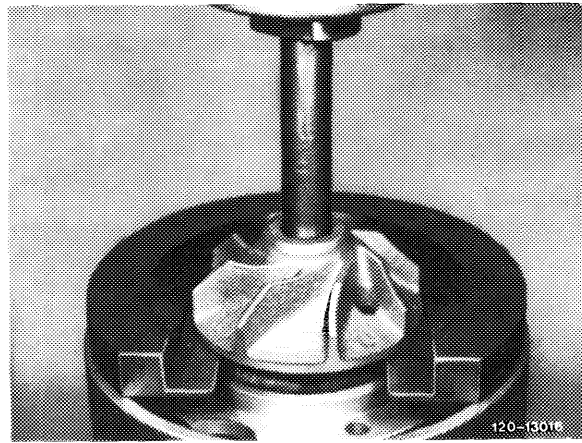
Pressing-in sleeve



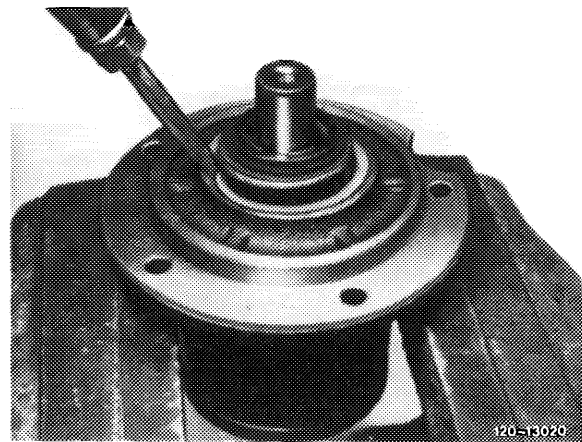
- | | |
|---|-------------------|
| 1 Fan hub | 5 Slide ring seal |
| 2 Coolant pump shaft with compact bearing | 6 Counterring |
| 3 Bearing housing | 7 O-ring |
| | 8 Impeller |

Disassembly

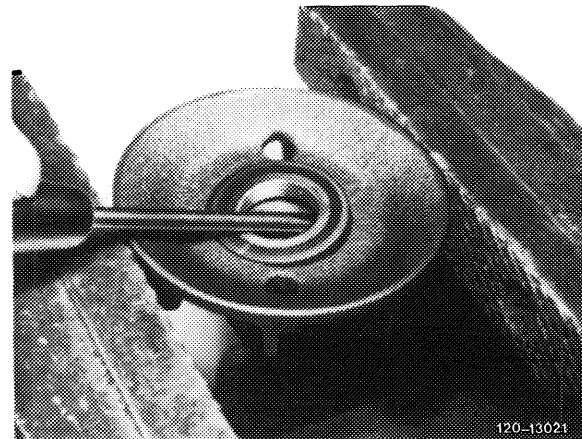
1 Press off impeller. For this purpose, place pressing-off disk between impeller and bearing housing.



2 Apply light hammer blows at several points between bearing housing and sliding ring seal to cancel the preload and force sliding ring seal out.



3 Force counterring out of impeller.



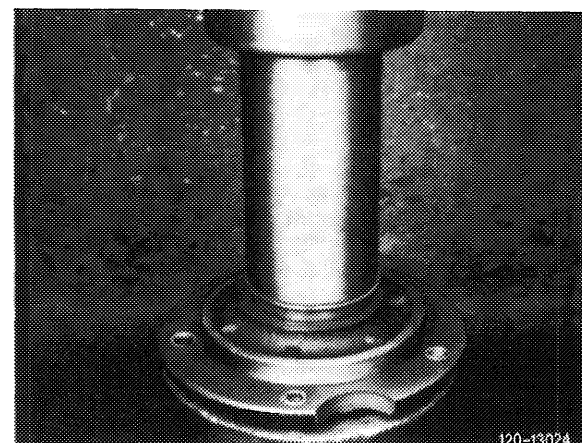
Assembly

4 Slightly coat mounting bores of sliding ring seal in bearing housing with sealing compound (part No. 001 989 25 20).

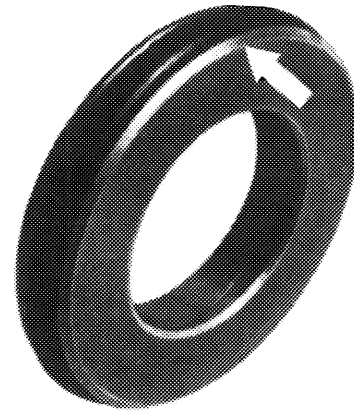
Press-in or knock-in sliding ring seal by means of pressing-in sleeve.

Attention!

Support at bearing housing only and not at coolant pump shaft.



5 Coat O-ring on counterring with brake cylinder paste and push with chamfered side (arrow) into thoroughly cleaned impeller.

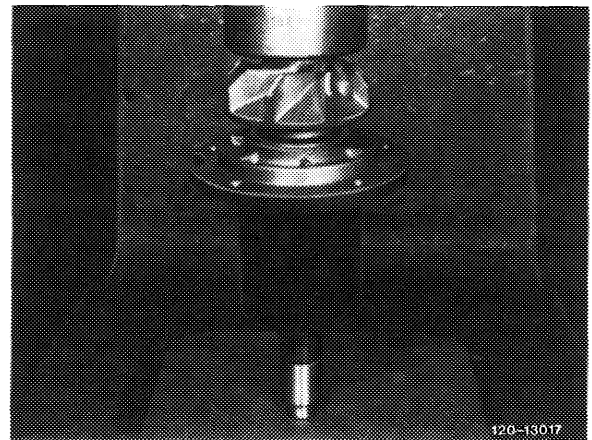


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6 Clean sealing surfaces of counterring and sliding ring seal free of dust by means of chamois cloth.

7 Degrease shaft stub of coolant pump shaft and impeller bore.

8 Press-on impeller flush with shaft while supporting coolant pump shaft.



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