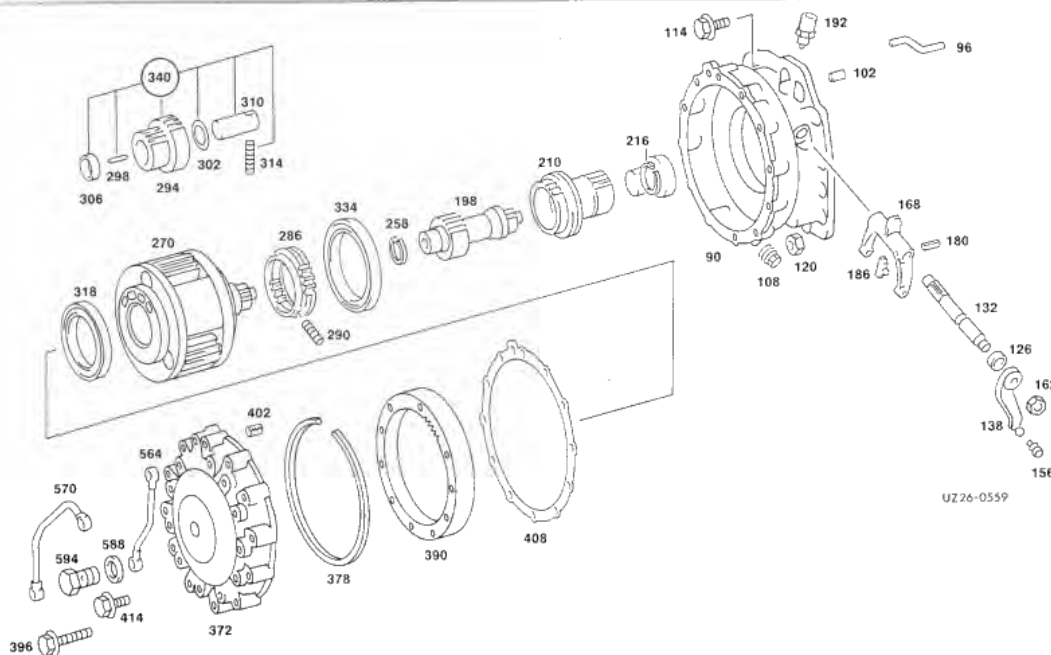


**Setting values**

Adjustment a shift lever for working gear group	mm	approx. 55
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**Expendable materials**

Cons. No.	Designation	Part Number
1	Locking agent: Loctite 241	002 989 94 71
3	Lubricant: Long life grease	000 989 63 51
7	Lubricant: Roller bearing grease	commercially

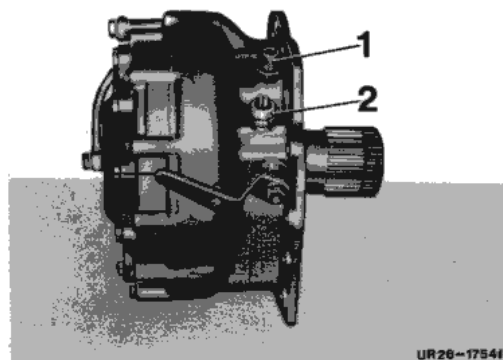


Cons. No.	Designation	Thread strength	Nm
162	Mounting of shift lever	M 14 x 1,5 – 8	150
414	Mounting of end cover	M 8 x 50 – 10.9	33

**Disassembly and assembly**

**Note:** This description is based on the ratio of the working gear group  $i = 5,76$  (refer to type plate). The disassembly and assembly of the working gear group  $i = 3,19$  is in the same manner.

- 26/358 **1** Detach auxiliary transmission.
- 26/1010 **2** Mark shifter shaft of working gear group in position "On".
- 26/1079 **3** Detach shift stop (1) and contact switch for speed reduction (2).
- 26/363 **4** Detach oil pipe at the end cover.

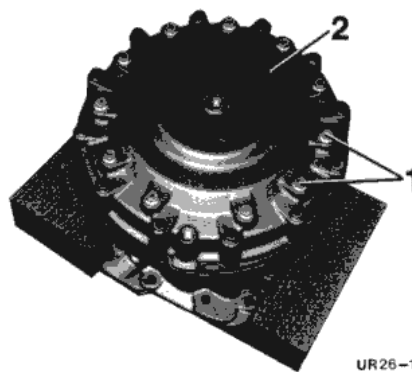


.J  
26.15

18.1/1

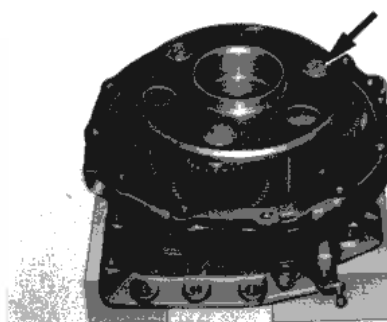
26  
18

- 26/364 **5** Unscrew bolts for ring gear (1) and detach end cover (2).



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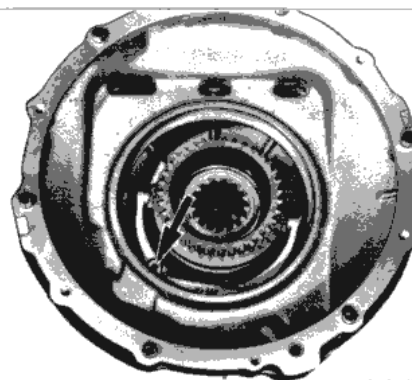
- 26/365 **6** Remove planetary gearset of working gear group.



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- 26/1012 **7** Knock out dowel pin, remove shift fork with sliding blocks and sliding collar.

- 26/1013 **8** Remove shaft seal in shifter shaft bore, if necessary.



UR26-1742/1

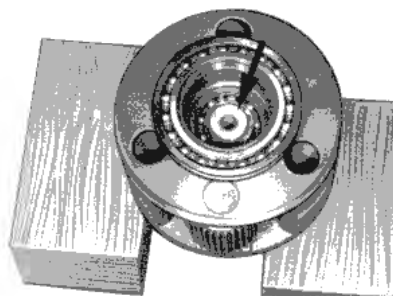
- 26/1088 **9** If necessary disassemble sliding collar.



UR26-1743/1

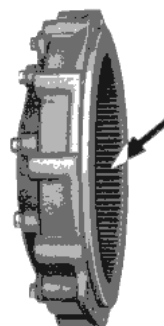
26/368 **10** Release and remove input shaft.

26/77 **11** Remove shaft sealing ring.



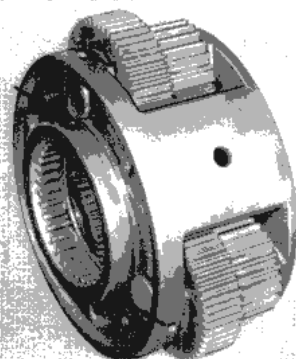
UR 26-1004/1

26/367 **12** Remove ring gear.



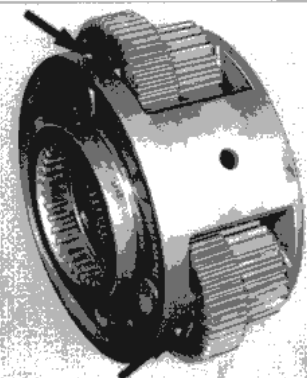
UR 26-1006/1

26/1072 **13** Unscrew bolts and remove toothed ring.



UR 26-0428/1

26/369 **14** Release and unscrew bolts.



UR 26-0428/2

J  
26.15

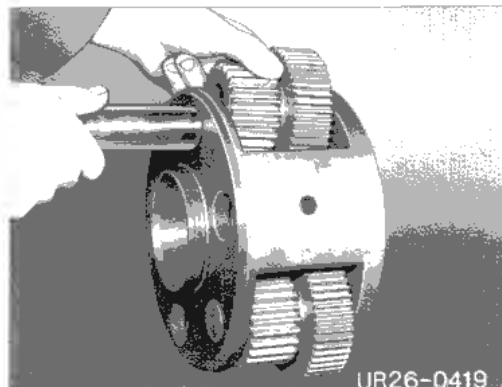
18.1/3

26.15  
18.113

26/370 15 Remove planet gear shaft with planet gear.

26H43 **Note:** Pay attention to thrust washers, needle rollers and shims.

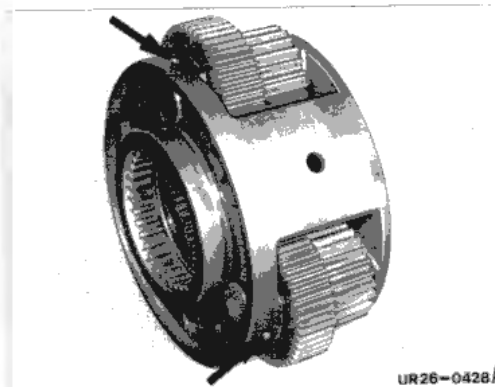
26/371 16 Clean all parts, check and renew as required. Blow out oil bores and oil pipes with compressed air.



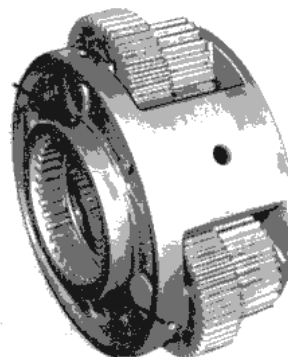
26/1306 17 The assembly takes place in the same manner in reverse sequence, at the same time the following must be observed:

26/2184 – Coat needle rollers with lubricant no. 7, needle rollers are only to be replaced in sets (50 in each set).

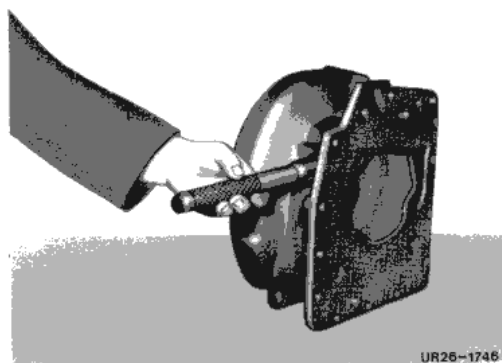
26/373 – Screw in bolt and secure with chisel blow.



26/1080 – Install toothed ring, coat bolts with locking agent no. 1, secure and press on large deep-groove ball bearing.

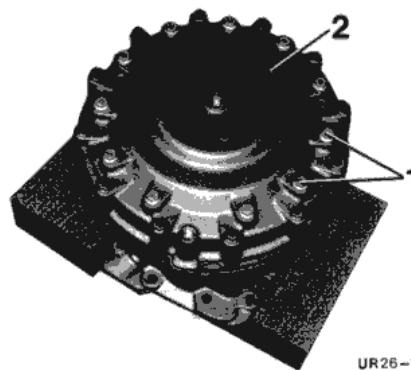


26/89 – Coat shaft seal ring with lubricating grease no. 3 and press in.



- 26/378 – Attach end cover with gasket, tighten bolts for ring gear (1) and end cover (2).

26/2176 permissible tightening torque 33 Nm

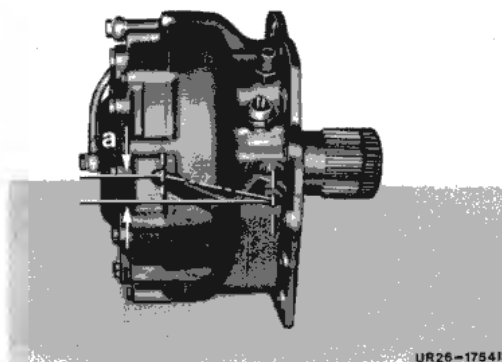


UR26-1002/1

- 26/383 – Shift working gear group once and check the position of the shift lever. If necessary release nut and adjust shift lever, then tighten and secure. Dimension a, approx. 55 mm.

26/2176 permissible tightening torque 150 Nm

- 26/384 – Attach auxiliary transmission with gasket.



UR26-1754/3