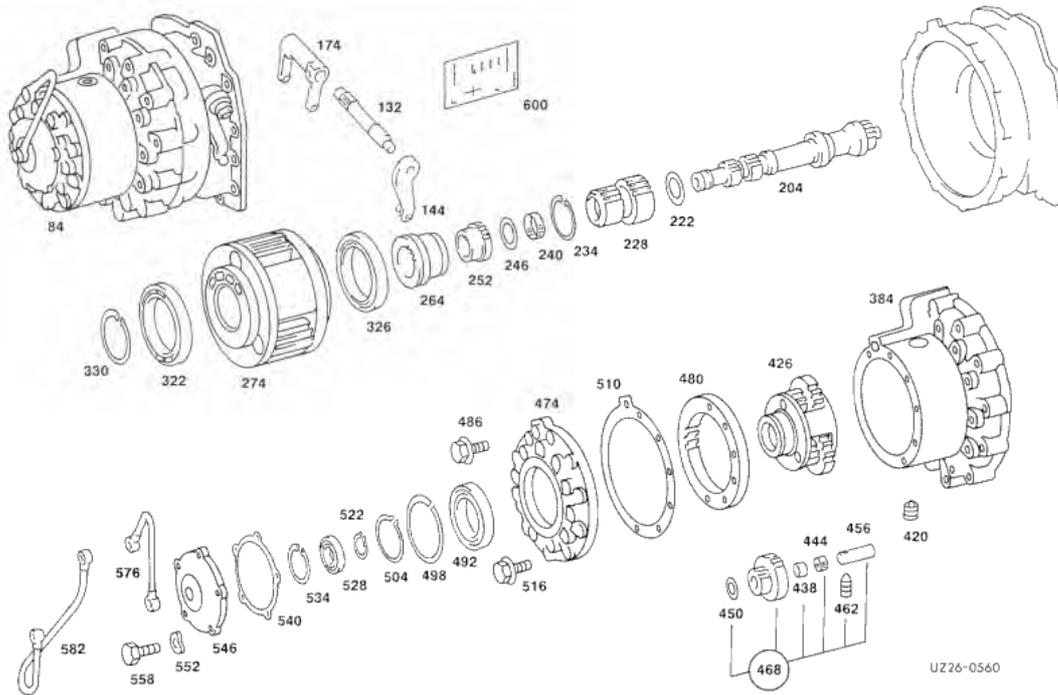


**Setting values**

Adjustment <b>b</b> shift lever of crawler gear group	mm	approx. 55
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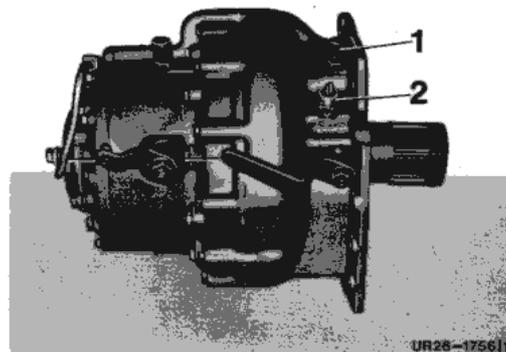
**Expendable materials**

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



**26G26 Disassembly and assembly**

- 26/358 **1** Detach auxiliary transmission.
- 26/385 **2** Mark shifter shaft of the working and crawler gear group in position „Engaged“.
- 26/363 **3** Detach oil pipe at the end cover.

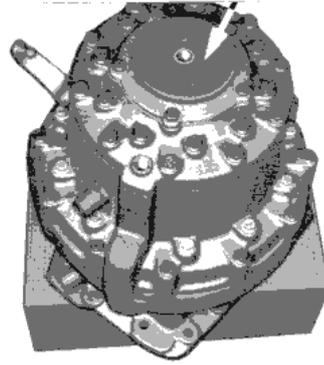


J  
26.15

19.1/1

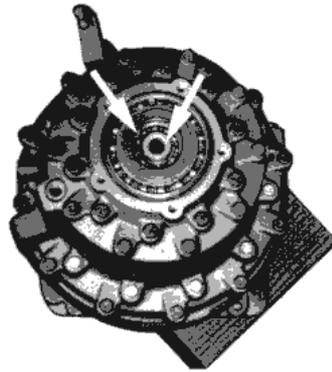
26.15  
19.11

26/389 4 Detach end cover.



UR26-1010/1

26/390 5 Remove inner and outer retaining ring.



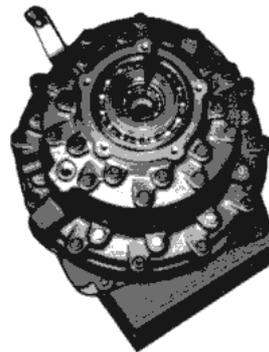
UR 26-1011/1

26/391 6 Knock in input shaft.



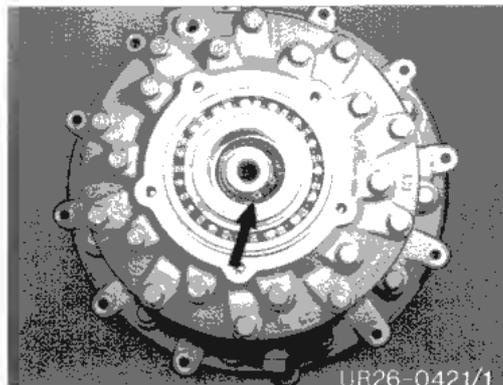
UR 26-1012

26/392 7 Remove small grooved ball bearing.

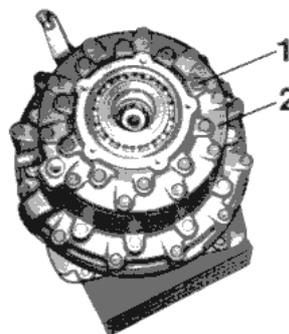


UR26-1013/1

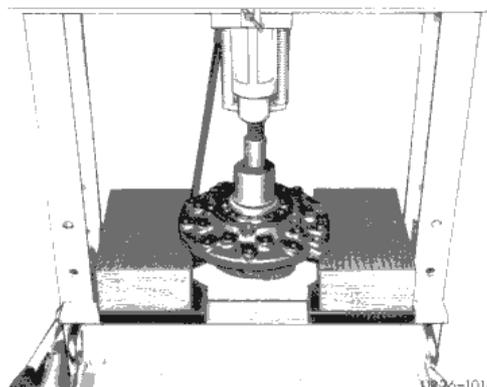
09/27 **8** Remove snap ring.



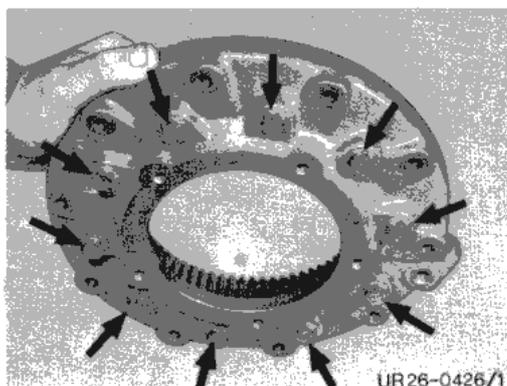
26/383 **9** Release ring gear (1) and unscrew bolts for the planetary gearset of the crawler gear group (2).



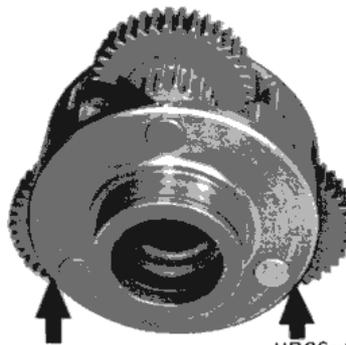
26/394 **10** Release and press out planetary gearset of the crawler gear group.



26/395 **11** Remove ring gear for crawler gear group and remove grooved ball bearing.



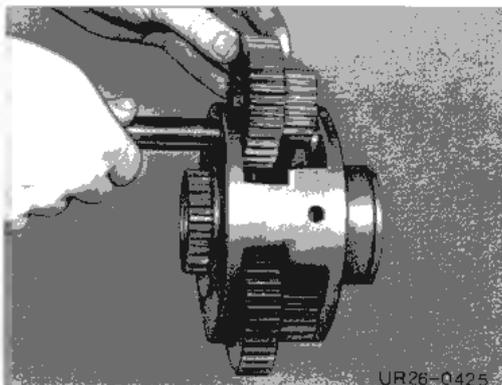
26/369 12 Release and unscrew bolts.



UR26-O424/1

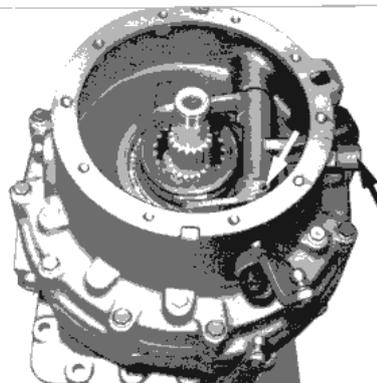
26/397 13 Remove planet gear shaft and planet gear.

26H46 **Note:** Pay attention to thrust washer, needle bearing and shim.



UR26-O425

26/398 14 Remove dowel pin and shift lock.



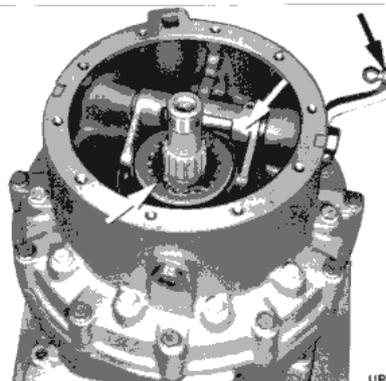
UR26-1015/1

26/399 15 Remove shifter shaft, shift fork with sliding block and shift sleeve.

26H47 **Note:** Input shaft falls in downward direction.

26/400 16 Remove input shaft.

26/1019 17 Remove shaft seal if necessary.



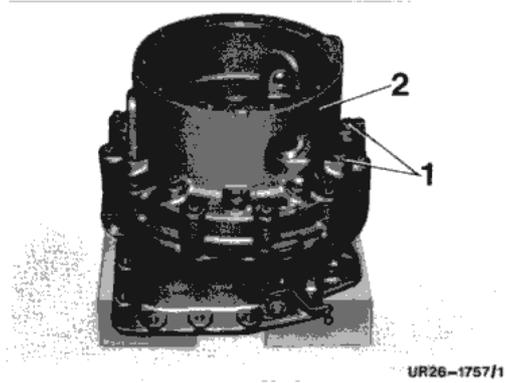
UR26-1016/1

J  
26.15

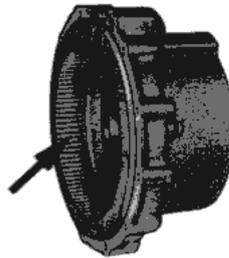
19.1/4

26.1  
19.1

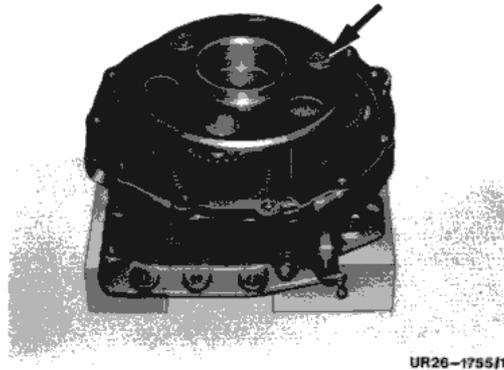
- 26/402 **18** Unscrew mounting bolts for ring gear (1) and detach crawler gear group housing (2).



- 26/403 **19** Remove ring gear for working gear group.

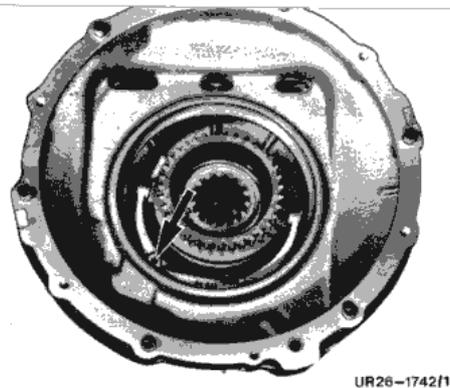


- 26/404 **20** Remove planetary gearset of the working gear group.



- 26/1012 **21** Knock out dowel pin, remove shift fork with sliding blocks and sliding collar.

- 26/1013 **22** Remove shaft seal in shifter shaft bore, if necessary.

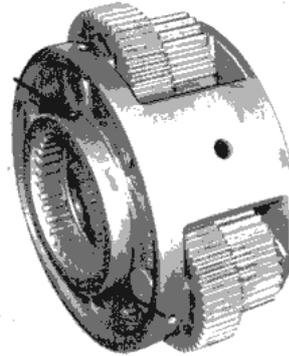


26/1073 **23** If necessary disassemble sliding collar.



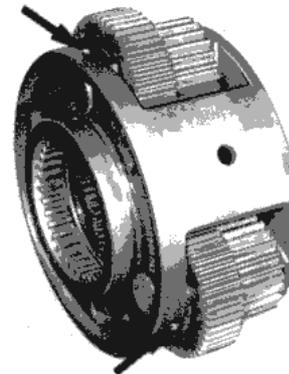
UR26-1743/1

26/1074 **24** Unscrew bolts and remove toothed ring.



UR26-0428/1

26/369 **25** Release and unscrew bolts.

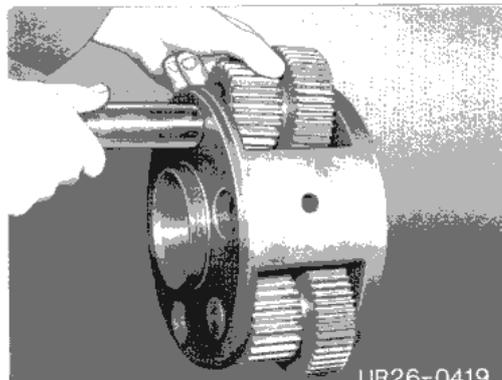


UR26-0428/2

26/397 **26** Remove planet gear shaft and planet gear.

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

26/371 **27** Clean all parts, check and renew as required. Blow out oil bores and oil pipes with compressed air.

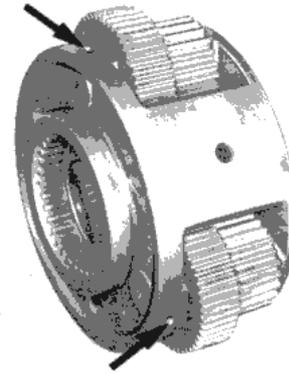


UR26-0419

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

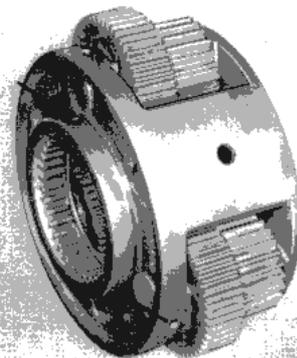
26/2184 – Coat needle rollers with lubricant no. 7, needle rollers are only to be replaced in sets (50 in each set).

26/2189 – Screw in bolt and secure with chisel blow.



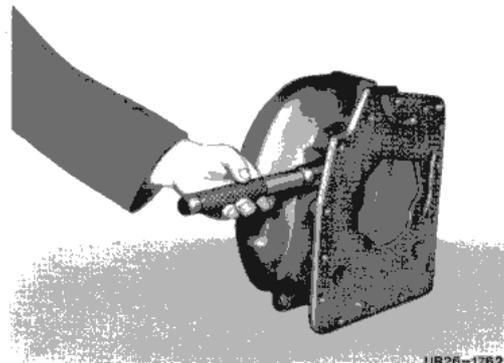
UR26-0428/2

26/1075 – Install toothed ring, coat bolts with locking agent no. 1, secure and press on large deep-groove ball bearing.



UR26-0428/1

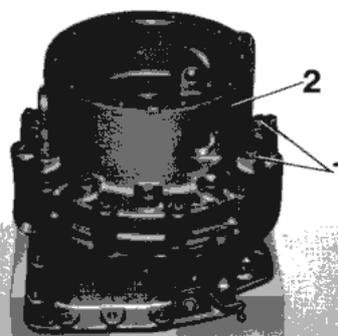
26/89 – Coat shaft seal ring with lubricating grease no. 3 and press in.



UR26-1762

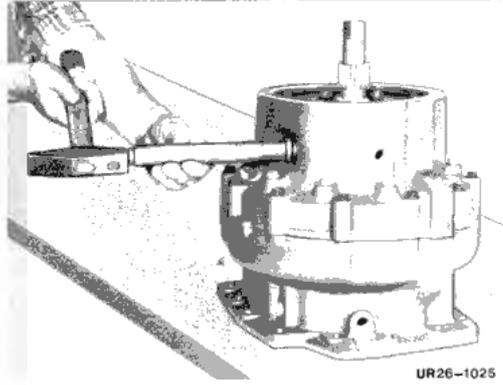
26/408 – Attach crawler gear housing with gasket and tighten bolts of crawler gear housing (2) and ring gear (1).

26/2176 permissible tightening torque 33 Nm



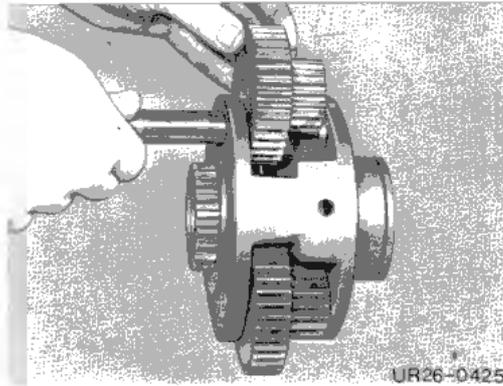
UR26-1757/1

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



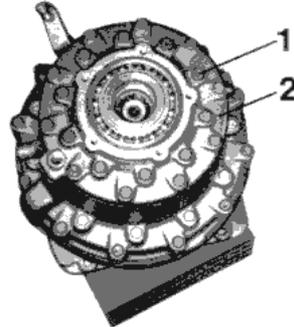
- 26/413 – Install planet gear and planet gear shaft with thrust washers, needle bearing and shim.

26H52 **Note:** Coat bearing needles with grease no. 7.

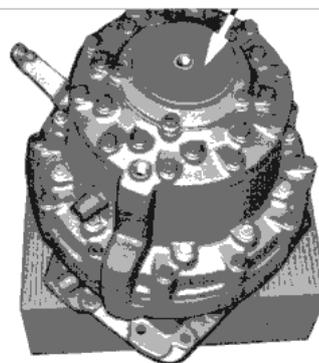


- 26/417 – Attach planetary gearset for crawler gear group with gasket and tighten bolts holding crawler gear group (2) and ring gear (1).

26/2176 permissible tightening torque 33 Nm



- 26/422 – Attach end cover with gasket.



- 26/426 – Shift working and crawler gear group once and check the individual shift lever positions. If necessary, release nut and adjust shift lever, then tighten and secure.  
Dimension a and b, approx. 55 mm.
- 26/427 – Install auxiliary transmission with gasket.

