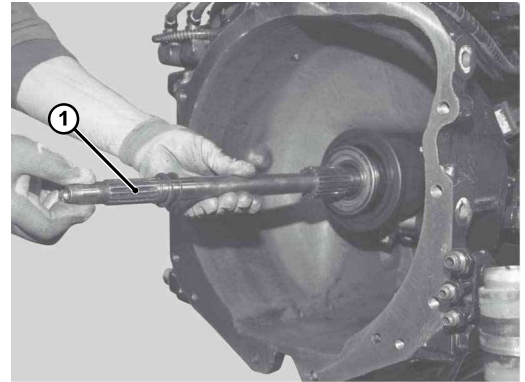




## Pressure plate assembly

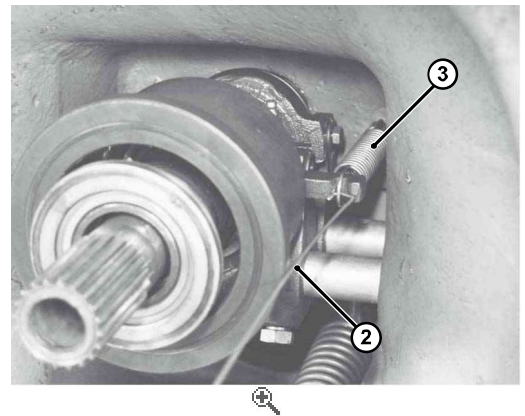
### Removal

Remove PTO transmission shaft (1).



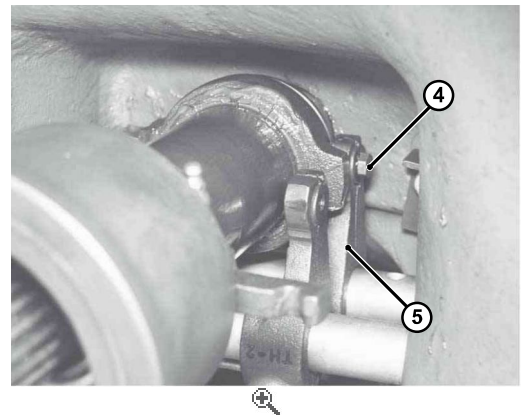
1.

Use a hook-shaped tool (2) to release springs (3).



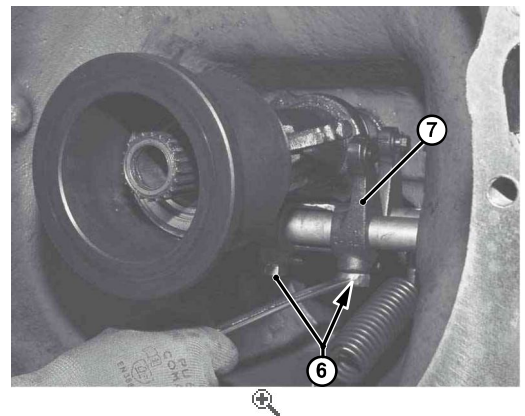
2.

Loosen screws (4) with toothed washer of the PTO engagement forks (5).



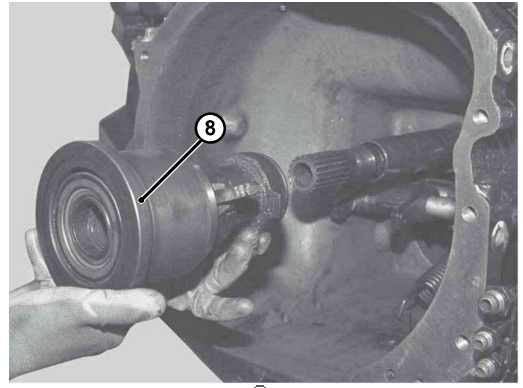
3.

Loosen screws (6) of the engine mesh forks (7).



4.

Remove pressure plate assembly (8).



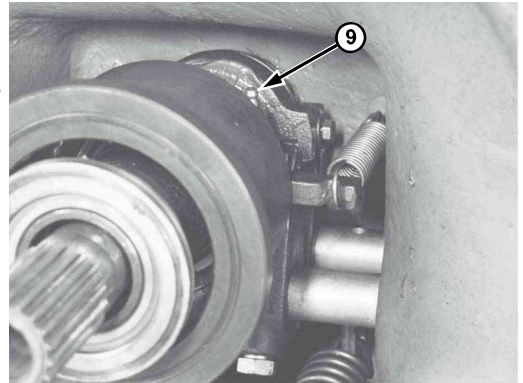
5.

## Refitting

Refitting is the reverse of removal.

- o Apply Loctite 242 on the thread of screws (4) and (6) securing forks (5) and (7).

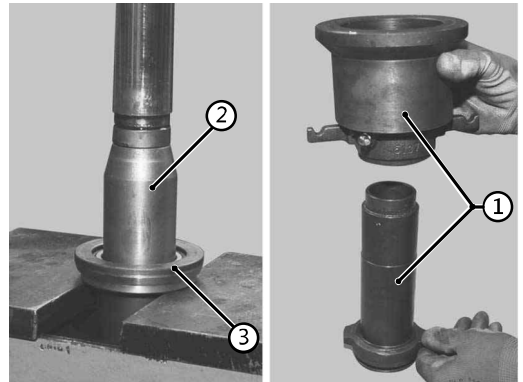
Lubricate the assembly tracks by means of grease nipple (9), using Molikote grease.



1.

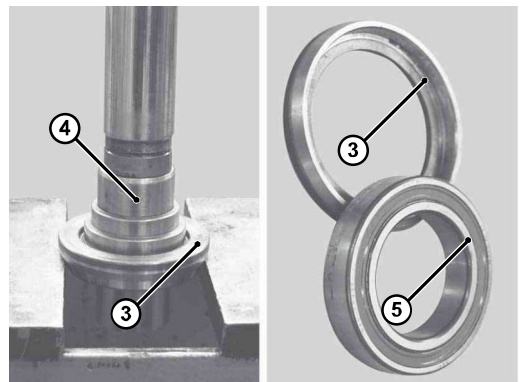
Position pressure plate assembly (1) under a press and, using a suitable driving tool (2), remove clutch release ring (3) complete with bearing.

Separate pressure plate assembly (1).



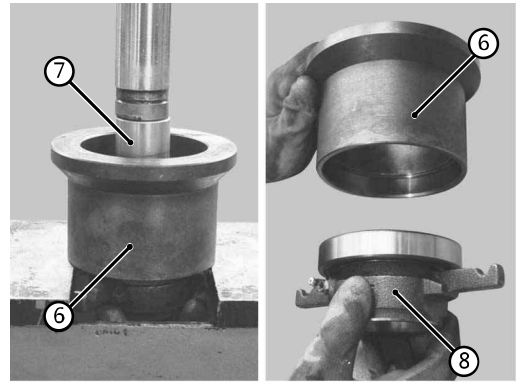
2.

Position release ring (3) under a press and, using a suitable driving tool (4), remove bearing (5).



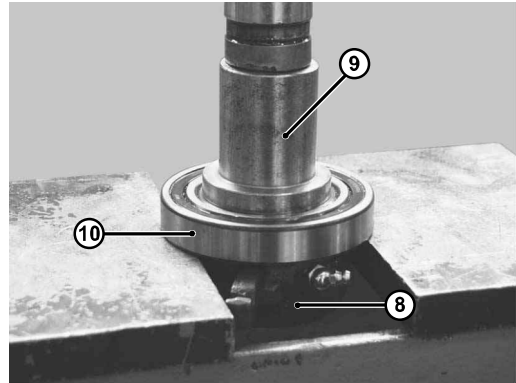
3.

Position release ring (6) under a press and, using a suitable driving tool (7), remove the sleeve complete with bearing (8).



4.

Position the sleeve complete with bearing (8) under a press and, using a suitable driving tool (9), remove bearing (10).



5.

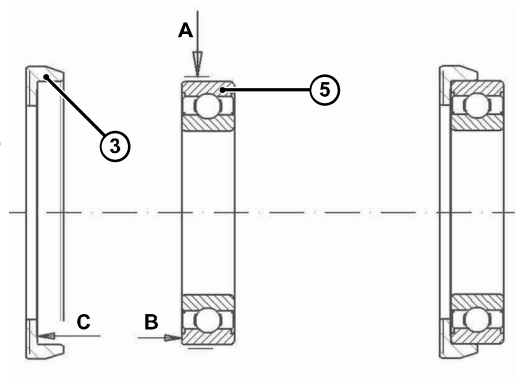
## Assembly

1. Refitting is the reverse of removal.

Apply Loctite 620 on surfaces (A) of bearing (5).

Warm up release ring (3).

Using a press and suitable too, mount bearing (5) on release ring (3), positioning surface (B) up against surface (C).



2.



## Primary shaft disassembly

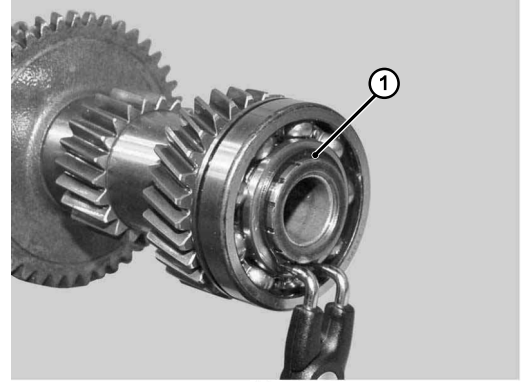
### Disassembly



**DANGER**

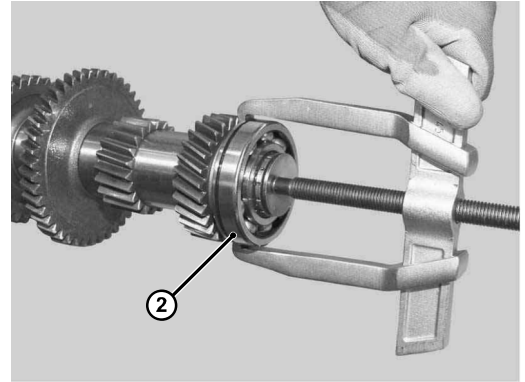
1. Disconnect the lead from the battery negative terminal (-) put the gear in neutral and apply the parking brake.

Remove circlip (1) .



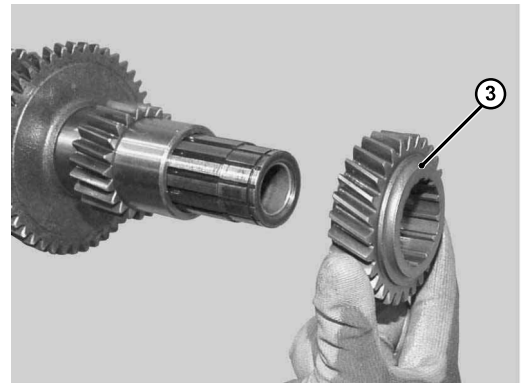
- 2.

Using a suitable puller, remove the bearing (2)



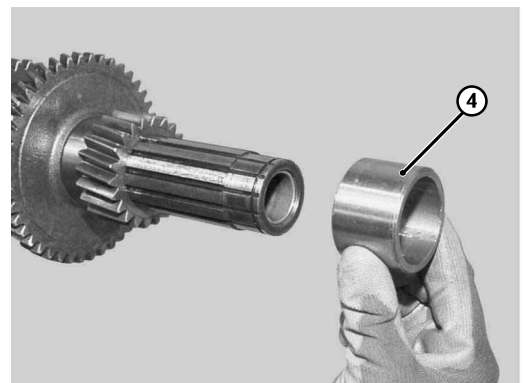
- 3.

Remove the second gear (3).



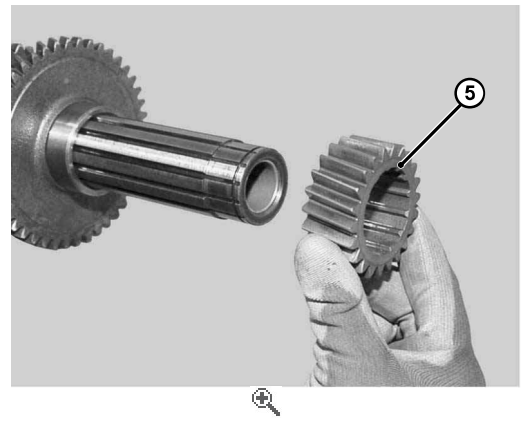
- 4.

Remove spacer (4).



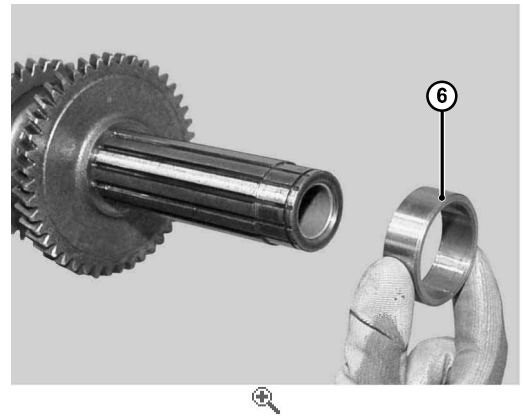
5.

Remove the first gear (5).



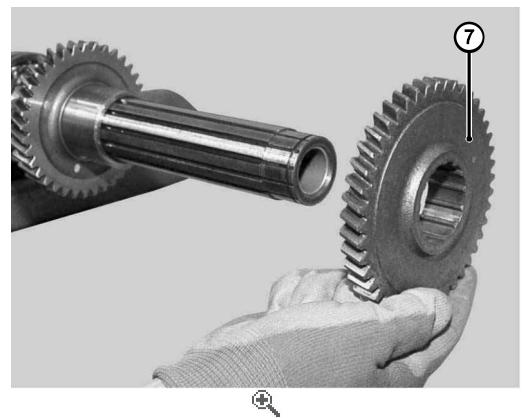
6.

Remove spacer (6).



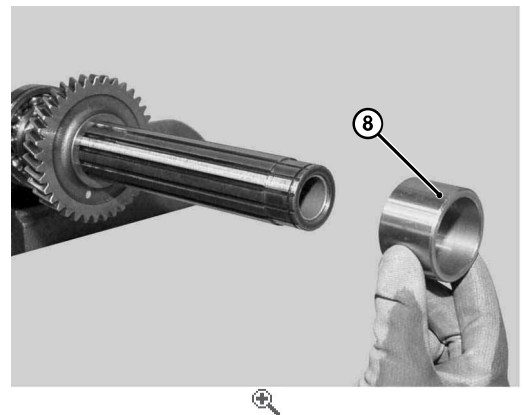
7.

Remove the fourth gear (7).



8.

Remove spacer (8).



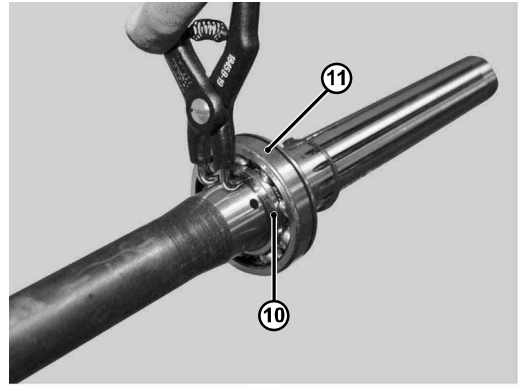
9.

Remove the third gear (9).



10.

Remove circlip (10) and bearing (11).



11.

### Assembly

To reassemble, repeat the above steps in reverse order.

- Fit bearings (2) and (10) after heating the inner race to approx. 80 °C.



## Secondary shaft disassembly

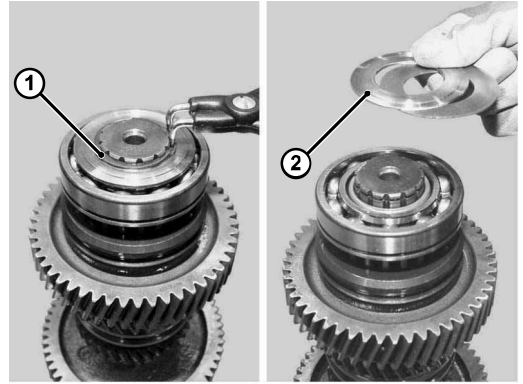
### Disassembly



#### DANGER

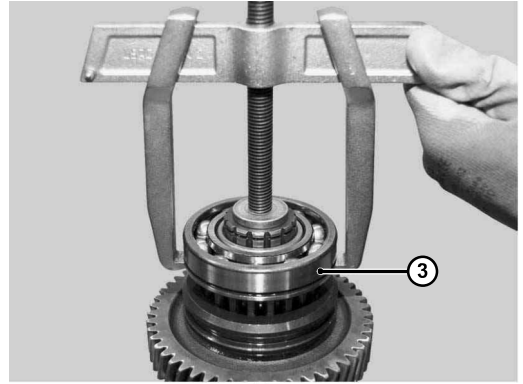
1. Disconnect the lead from the battery negative terminal (-) put the gear in neutral and apply the parking brake.

Remove circlip (1) and spacers (2).



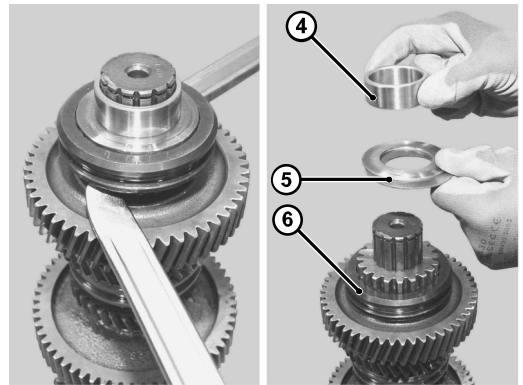
- 2.

Using a suitable puller, remove the bearing (3)



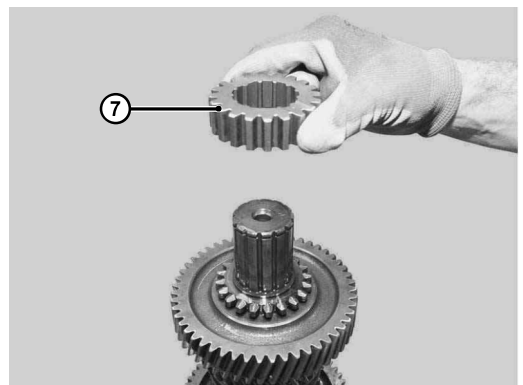
- 3.

Using two levers, remove bush (4), spacers (5) and the reverse gear mesh collar (6).



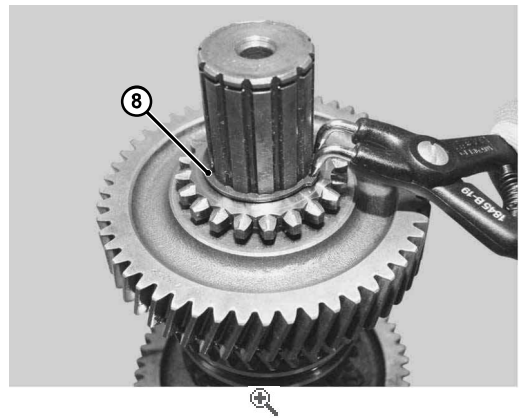
- 4.

Remove the reverse gear (7).



5.

Remove circlip (8).



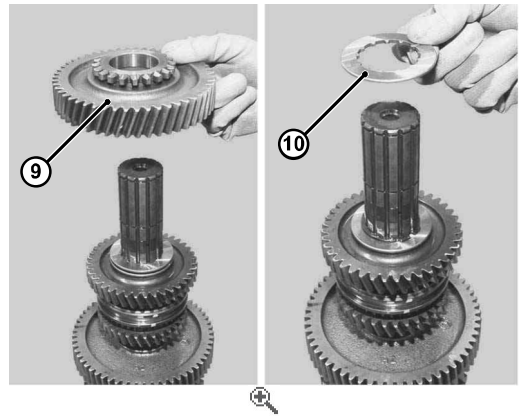
6.

Remove reverse gear (9) and thrust washer (10).



**NOTE**

On assembly, the slots for lubrication must be mounted facing the gear.



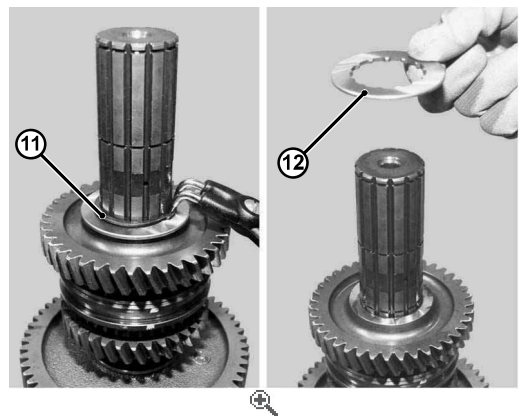
7.

Remove circlip (11) and thrust washer (12).



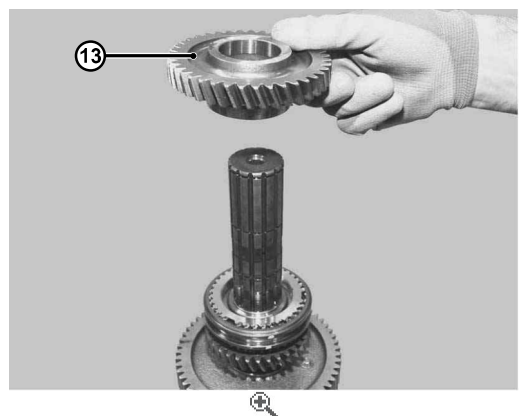
**NOTE**

On assembly, the slots for lubrication must be mounted facing the gear.



8.

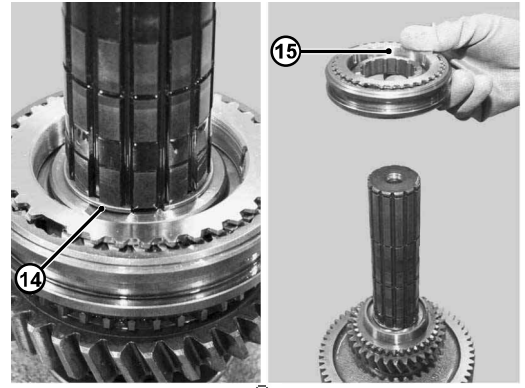
Remove the third gear (13).



9.

Remove circlip (14) and third-fourth gear synchroniser (15).





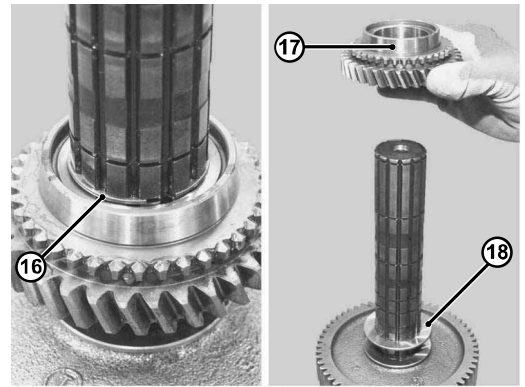
10.

Remove circlip (16), fourth gear (17) and thrust washer (18).



**NOTE**

On assembly, the slots for lubrication must be mounted facing the gear.



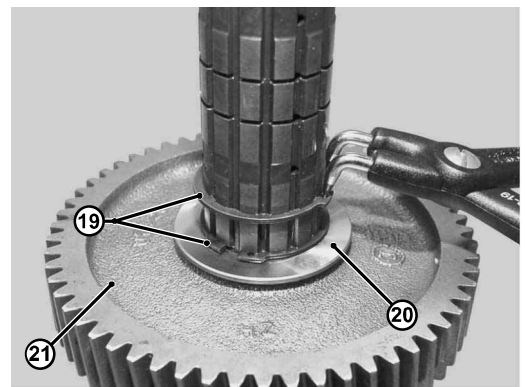
11.

Remove circlips (19), thrust washer (20) and first gear (21).



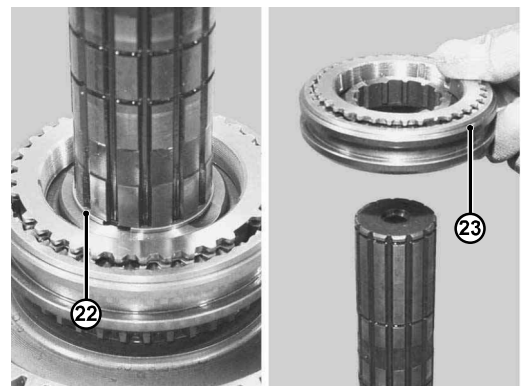
**NOTE**

On assembly, the slots for lubrication must be mounted facing the gear.



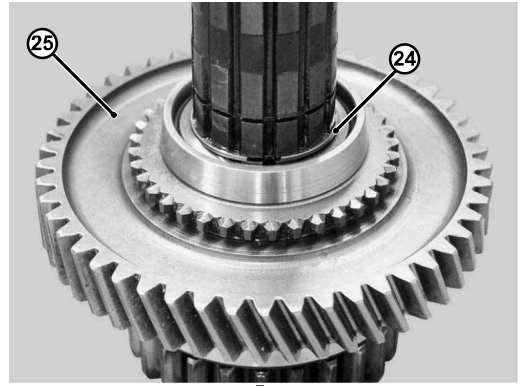
12.

Remove circlip (22) and first-second gear synchroniser (23) .



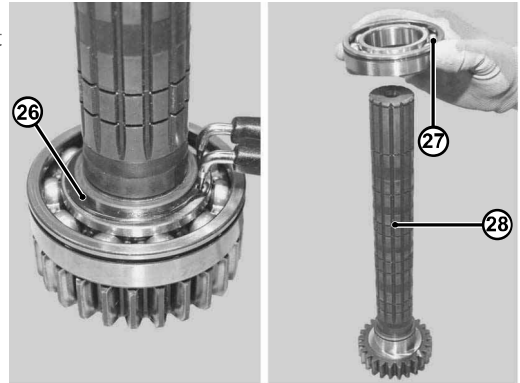
13.

Remove circlip (24) and second gear (25).



14.

Remove circlip (26) and withdraw bearing (27) from the secondary shaft (28).



15.

### Assembly

To reassemble, repeat the above steps in reverse order.

- Fit bearing (3) after heating the inner race to approx. 80 °C.

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