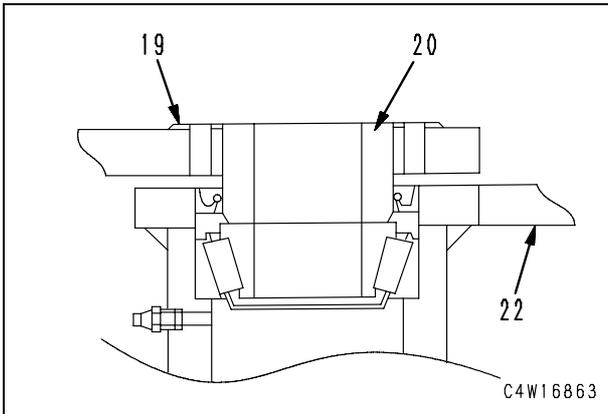
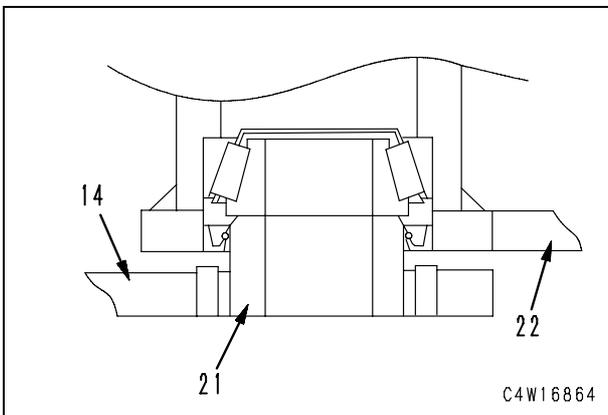


- 5) Pull out hinge pin (17).
  - ★ If the pin cannot be pulled out, pull it out while adjusting the parallelism of front frame (14) and rear frame (22).
- 6) Remove shim (19) from hinge top.
  - ★ Check the quantity of the shims for reference for assembly.
- 7) Pull out upper and lower spacers (20) and (21) until they are separated from rear frame (22).

Upper side



Lower side



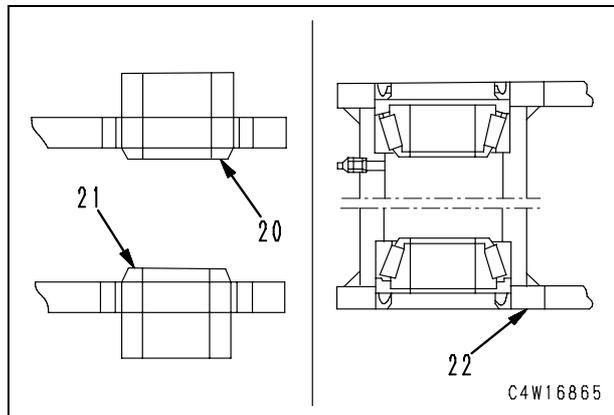
11. Disconnect the front frame according to the following procedure.

- 1) Pull out front frame (14) forward.

- ⚠ While finely adjusting the height of the jack supporting the rear frame so that the jack will not come off, pull out the front frame.
- ★ When disconnecting the front frame, take care that the spacers at its top and bottom will not be caught in the rear frame.

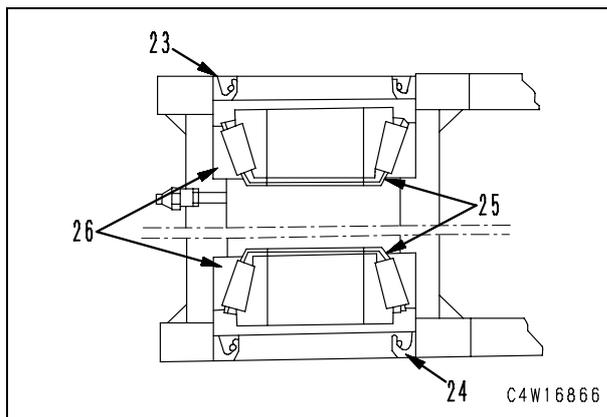


- 2) After disconnecting the front frame, remove spacers (20) and (21) from it.



## 12. Center hinge bearing

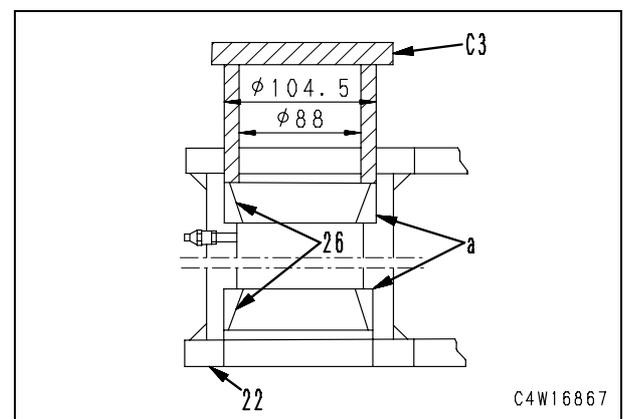
- 1) Remove upper and lower dust seals (23) and (24) from rear frame (22).
  - ★ If the dust seals are removed, replace them with new ones.
- 2) Remove upper and lower bearing cones (25).
- 3) Remove upper and lower bearing outer races (26).
  - ★ When removing the dust seal and bearing outer races, take care not to damage the inside of the center hinge of the rear frame.



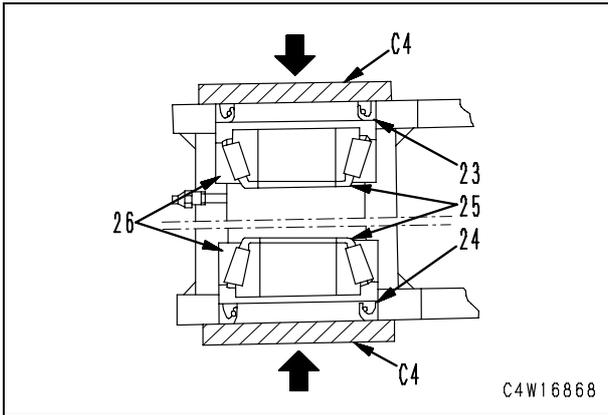
## Installation

### 1. Center hinge bearing

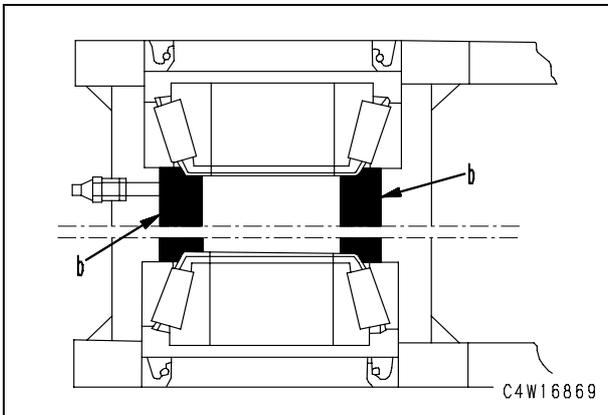
- 1) Using tool **C3**, press fit bearing outer races (26) to top and bottom of rear frame (22).
  - ★ Clean the bearing outer races fitting parts of the center hinge and apply oil to their inside, then press fit the bearing outer races.
  - ★ Securely press fit the bearing outer races to eliminate clearance at parts (a).
  - ★ When press fitting the bearing outer races, use jigs so that they will not slant.



- 2) Install bearing cones (25) to top and bottom of bearing outer races (26).
  - ★ Before installing the bearing cones, apply grease to the outside of the bearings.
  - 🔧 Bearing: **Grease (G2-LI)**
  - ★ Sling and support the bearing cones under hinge.
  - ★ Degrees the inside of the dust seal fitting parts at the top and bottom of the center hinge.
- 3) Using tool **C4**, apply adhesive to the outside of dust seals (23) and (24), then press fit them.
  - ★ Press fit both dust seals with their lips up.
  - ★ When press fitting the dust seals, take care not to slant them.
  - ★ Take care not to damage the seal lips and keep raising the bearing cones.



- 4) Apply grease all around rear frame center hinge (b).  
 🛠️ Center hinge (b): **Grease (G2-LI)**



2. Connect the front frame to the rear frame according to the following procedure.
- 1) Sling front frame (14), move it to the rear frame, and align the pin holes.
    - ⚠️ While adjusting the height of the front frame and rear frame so that they will not interfere with each other, connect them.
    - ⚠️ When aligning the pin holes, use a bar. Never insert your fingers in the pin holes.
    - ★ Align the pin holes securely.
    - ★ Align the pin holes and install the articulate lock bar.



- 2) Install spacers (20) and (21) to the top and bottom of the front frame.  
 ★ Insert each spacer so that the more chamfered end will be on inside.  
 🛠️ Spacer periphery: **Grease (G2-LI)**

