

Fig 37.

Masts

Typical Mast

Servicing

Checking Mast and Carriage Roller Bearings and Pulleys

For interval, see **Service Schedule**, Section 3.

Checking Carriage Side Thrust Roller Bearings

Check that seal **38- 1** on both sides of roller bearings **38- 2** are intact and not damaged. If seal is damaged or missing remove roller bearing and fit new roller bearing.

Undo bolt **38- 3** to release bearing contact, check that the bearings are free to rotate and that there is no excessive free movement of the rollers within the bearing housing. Fit new bearing as required.

Re-adjust bearings. [⇒ Adjustment \(□ B-16\)](#).

Checking Carriage Roller Bearings

Remove carriage. [⇒ Removal \(□ B-15\)](#).

Check that seal **38- 1** on both sides of roller bearings **38- 4** are intact and not damaged. If seal is damaged or missing remove roller bearing and fit new roller bearing.

Check that the bearings are free to rotate and that there is no excessive movement of the rollers within the bearing housing. Fit new bearing as required.

Fit carriage and adjust as required.
[⇒ Adjustment \(□ B-16\)](#).

Checking Mast Roller Bearings

Fully lower the mast.

Check that seal **38- 1** on both sides of roller bearings **38- 5** are intact and not damaged. If seal is damaged or missing remove roller bearing and fit new roller bearing.

Move mast sections to obtain clearance and check that the bearings are free to rotate and that there is no excessive

movement of the rollers within the bearing housing. Fit new bearing as required.

Note: [⇒ Dismantling and Assembly \(□ B-28\)](#), if bearings are replaced.

Checking Chain Pulleys

Lower the mast and carriage onto a suitable support so that the chains are slack.

Check that pulleys **38- 6** are free to rotate and that there is no excessive movement of the rollers within the bearing housing. Fit new pulleys as required.

Note: [⇒ Dismantling and Assembly \(□ B-28\)](#), if bearings are replaced.

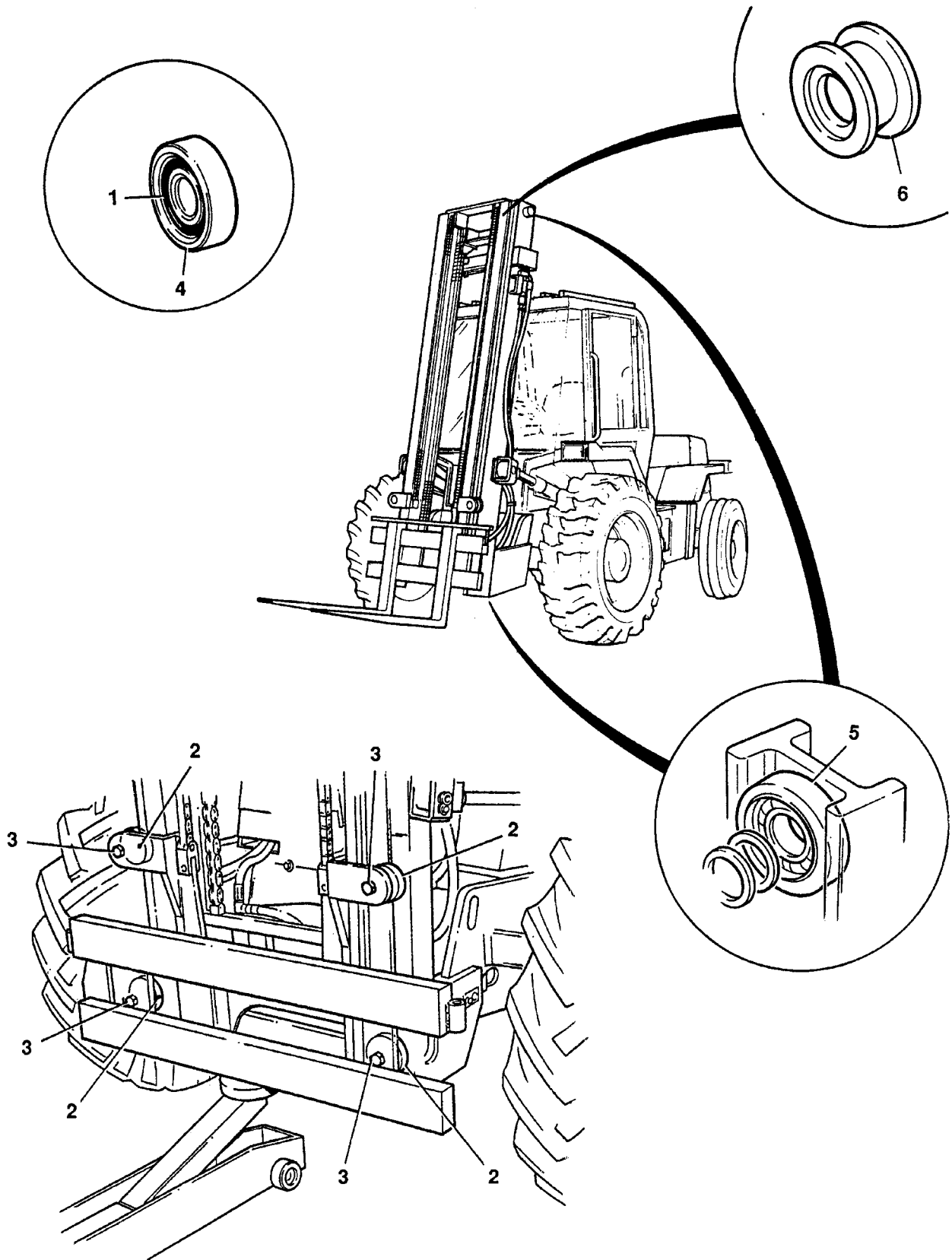


Fig 38.