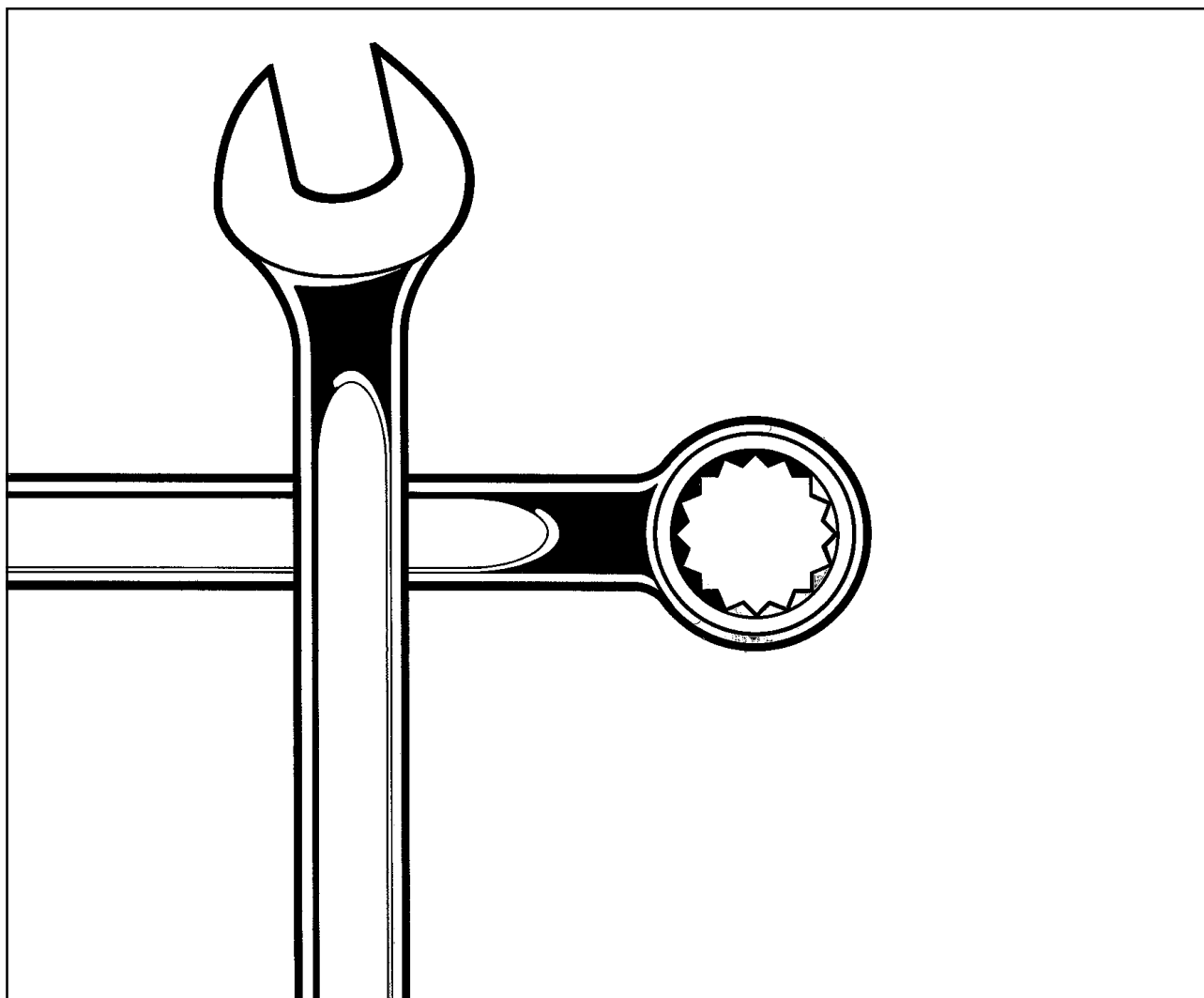


DYNAPAC

**DYNAPAC
CC102/C-CC142/C
CC1100/C-CC1300/C
WORKSHOP MANUAL STEERING HITCH**

W1048EN2



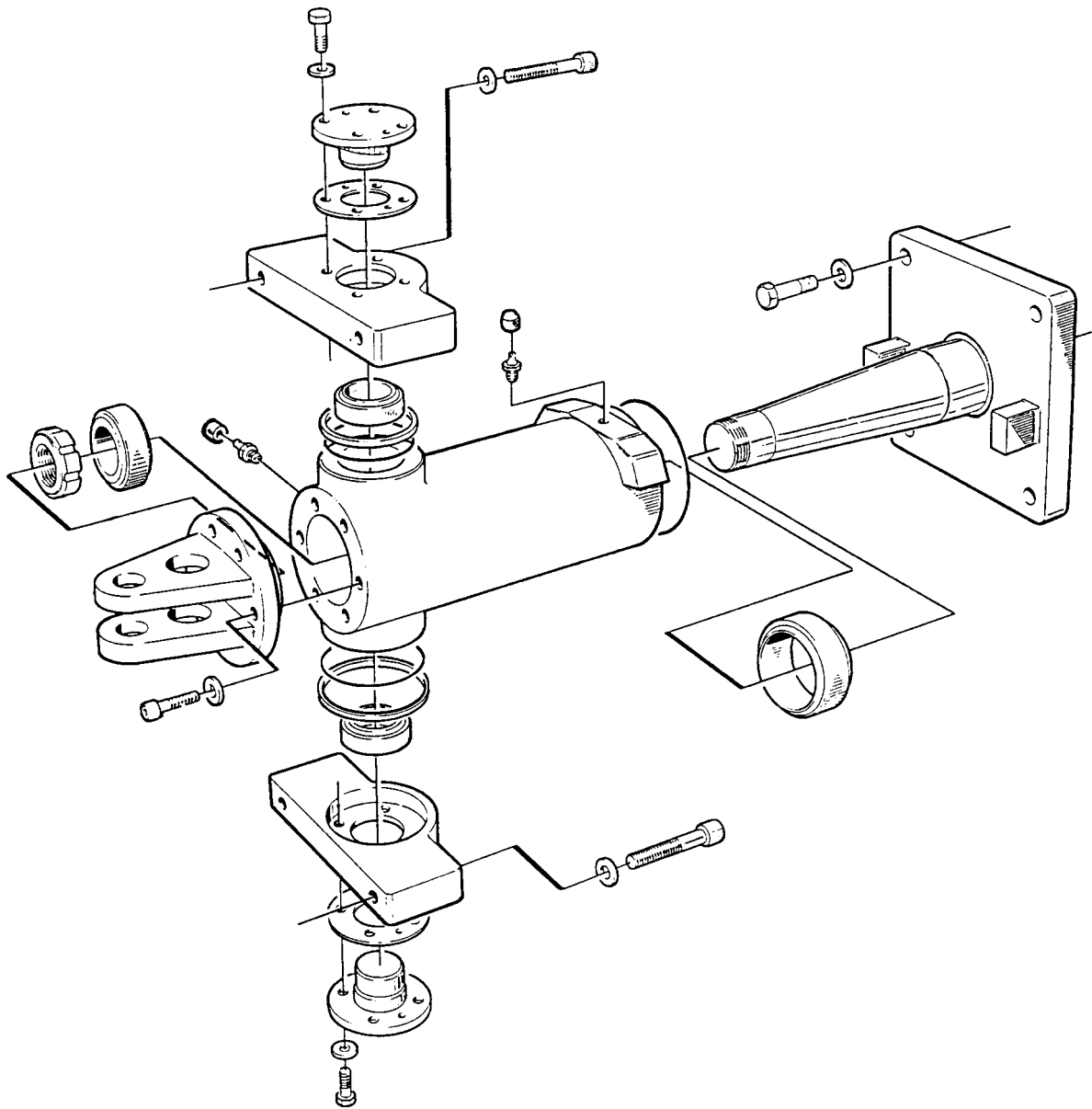
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**Vibratory Rollers
C102/C-CC142/C
CC1100/C-CC1300/C
Work Shop Manual,
Repair and Adjustment of the steering hitch
W1048EN2**



DYNAPAC

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SAFETY INSTRUCTIONS

It is essential to adhere to stipulated procedures, including those in the operating instructions.

Always observe risks involved when working with heavy machine parts. This applies particularly when lifting and jacking up the frame, etc, to prevent sliding.

Observe especially the items in this workshop manual that are marked or



REPAIR AND ADJUSTMENT OF THE STEERING HITCH

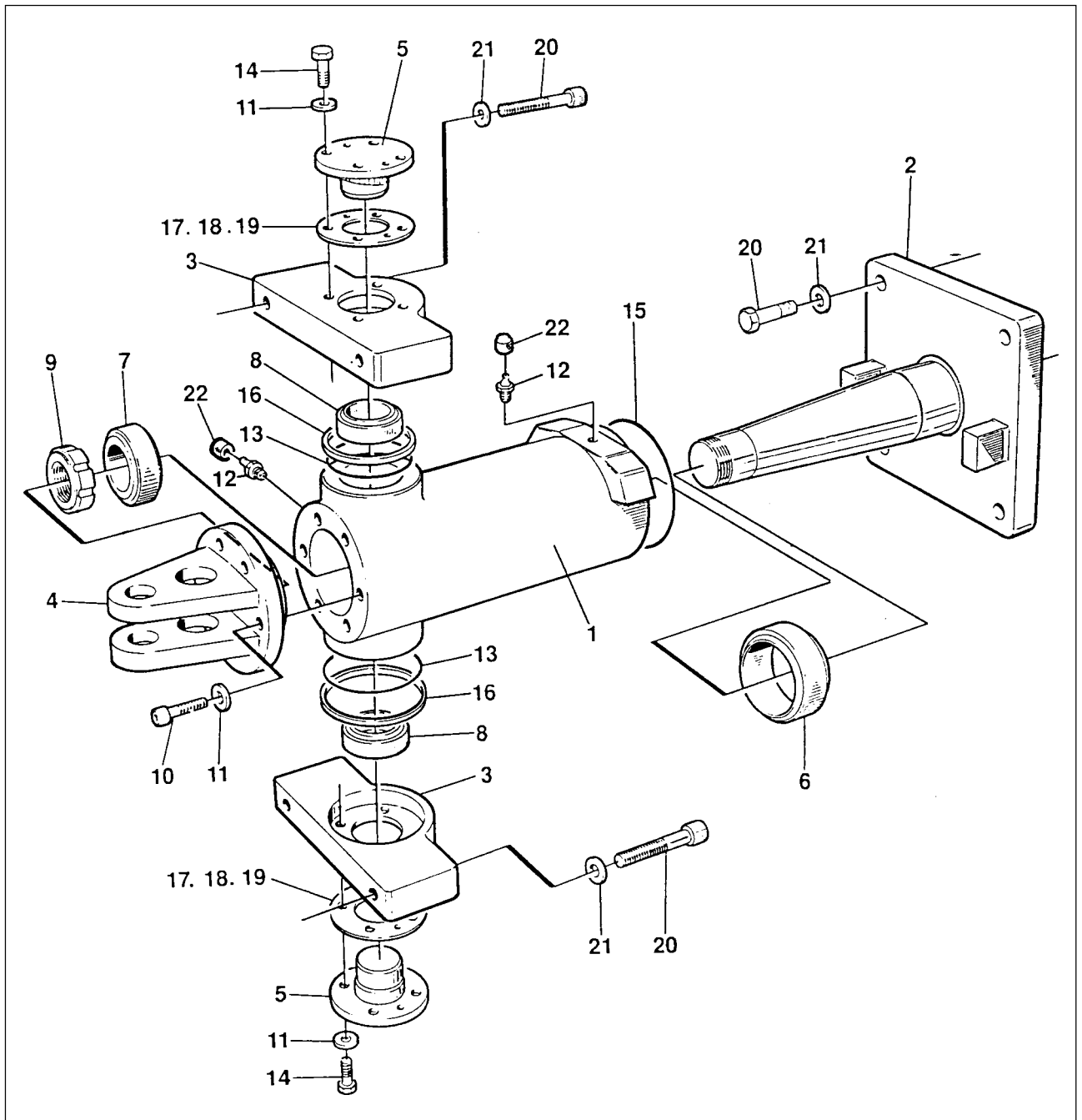


Fig. 1 Hitch

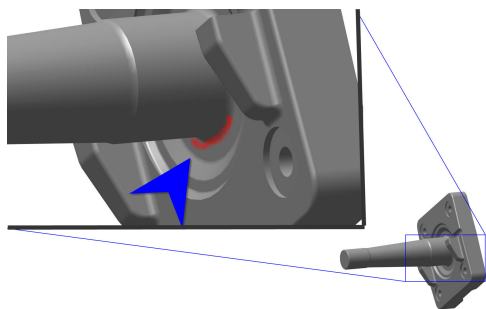


Fig. 2 Hitch shaft

1. Inspect bearing (pos 6, 7 and 8) for wear and damage, see figure 1. Replace if worn or damaged. Inspect shaft no damages or visibel crack should exist, figure 2
2. Replace all o-rings and sealings. Assemble and lubricate the hitch.

REPAIR AND ADJUSTMENT OF THE STEERING HITCH

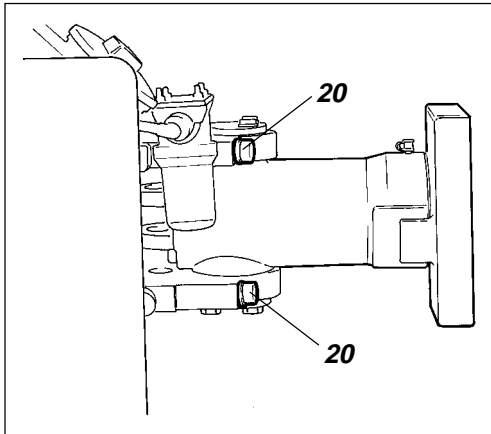


Fig. 3 Hitch to front frame
20. Screws, x4

3. Fit the hitch to the front frame, fit the 4 screws (pos 20 in fig. 1 and 2), use Loctite 270 on the screws and tighten them to 333 Nm.

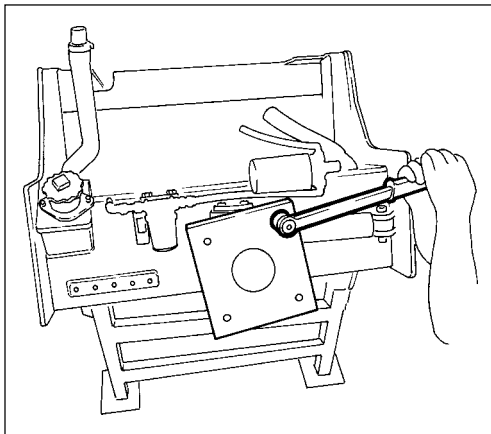


Fig. 4 Testing torque

4. Fit in a screw with a nut in one of the empty holes at hitch's outer flange, test with a suitable torque wrench the force needed to turn the hitch, fig. 3.

The torque required to turn the hitch should be 31 Nm (+20 -0).

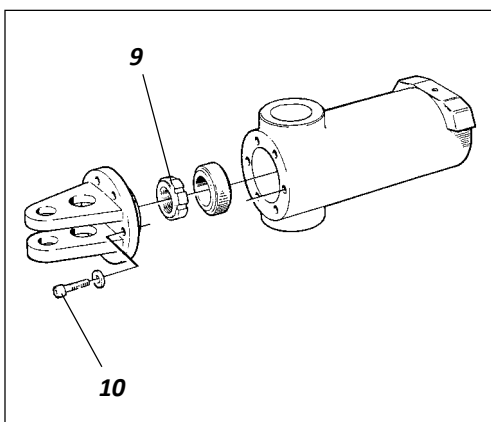


Fig. 5 Steering hitch
9. Lock nut

5. This torque can be adjusted on nut, pos 9 in fig. 4. After this adjustment, reassemble and apply Loctite 243 to the 6 screws, pos 10.

REPAIR AND ADJUSTMENT OF THE STEERING HITCH

6. The other joint on the hitch are to be adjusted by means of shims under the TOP and LOWER covers.
7. Three sizes of shims are available.
P/N 347153 $t=0,2\text{mm}$
P/N 347154 $t=0,4\text{mm}$
P/N347155 $t=0,8\text{mm}$
8. By adding shims the torque needed to move the hitch will be less.
9. Correct torque are to be 39 Nm (+20 -0 Nm)
A suitable way of testing this torque are by using a fish scale.

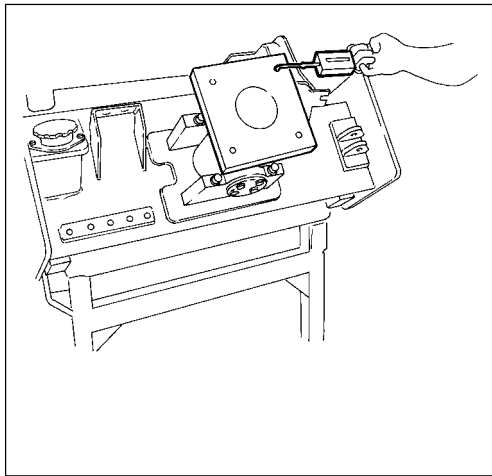


Fig. 6 Testing torque with a fish scale

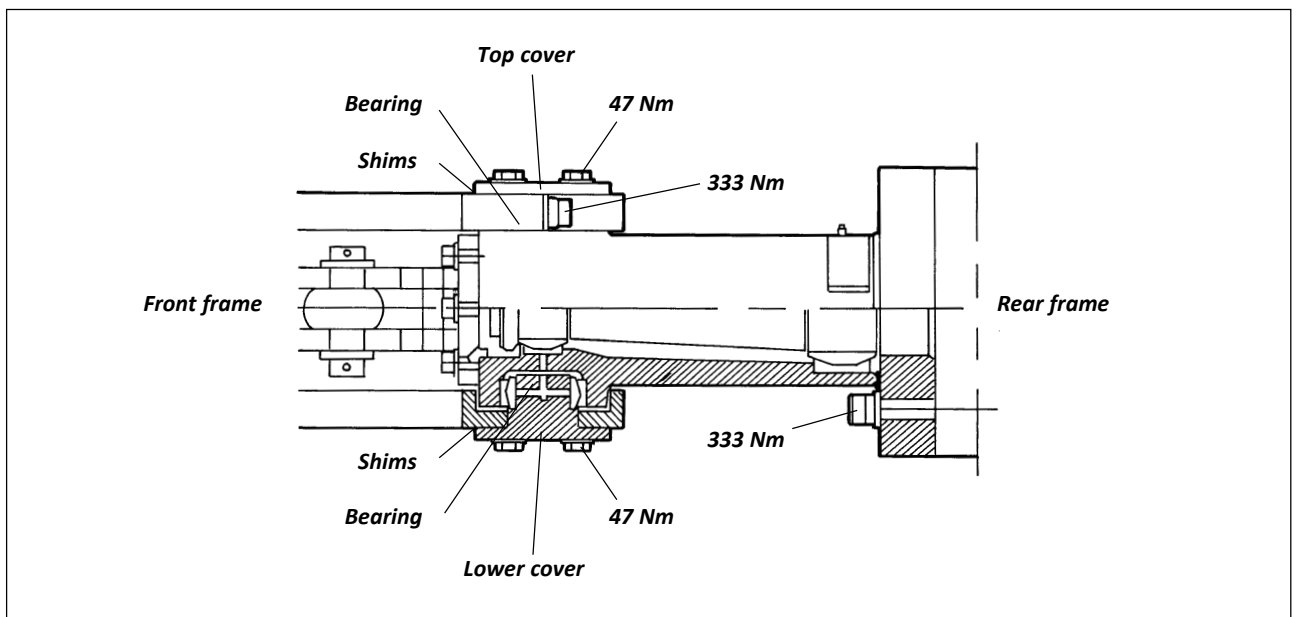


Fig. 7 Steering hitch

10. Assemble the rear frame at the hitch, use Loctite 270 on the screws.