

panthera

Instructions for assembly Hub

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How to assemble/dismantle the hub:

1. Remove the rear wheel from the chair.

2. Take hollow key 20 and spanner 13. Place the hollow key around the hub nut (1), and the spanner around the hub axle (2).
(NB! Place the spanner round the hub axle where the balls (3) are visible so that the axle does not turn as you move the hollow key.)

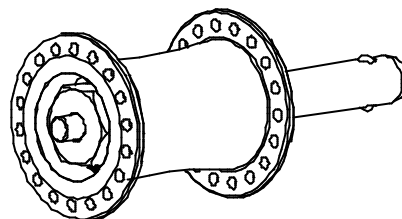


Figure 1

3. Loosen and remove the hub nut (1).

4. You then pull out the hub bar (4) and the spring (5).

(NB! Take care not to lose the balls (3) when you pull the hub bar out (4)).

5. You then take a hammer or similar tool and hammer the end of the hub axle (2). You will then knock out the hub axle (2), a cone ring (6), a bushing (7) and two curved washers (8).

6. You will now be able to knock the bushing free (7) from the hub axle (2) and remove the cone ring (6). You can now remove the cone ring (use tracing pliers) and the bushing still located in the hub casing (9). See figure 2.

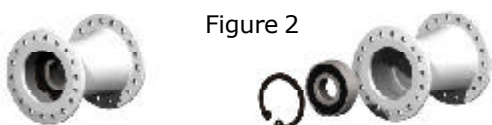


Figure 2

7. Change the required details.

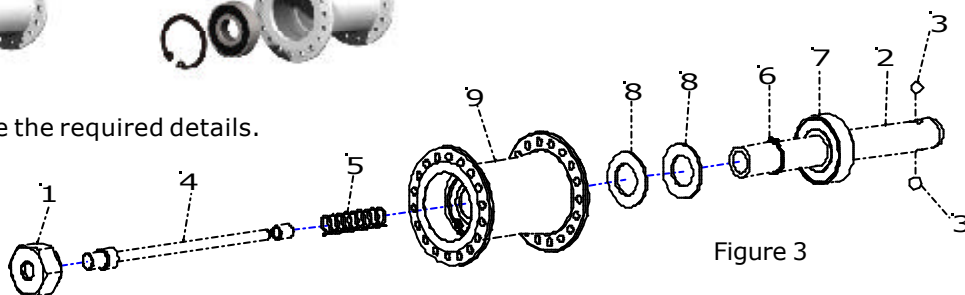


Figure 3

8. To reassemble the hub, make sure that the small cone ring (6) and a bushing (7) are attached to the hub axle (2).

9. If you have removed the large cone ring and the bushing that remained in the hub casing (9), put these back.

10. Replace the two curved washers (8) in the hub casing (9). Make sure that the curve of the washers are placed together so that the washers do not lie one inside the other. See figure 4.

11. Insert the hub axle (2) into the hub casing (9) in the way described in point 8 and knock the bushing (7) into the hub casing (9).

12. You then place the spring (5) and the hub bar (4) into the hub axle (2).

13. Carefully replace the balls (3).

14. Tighten the hub nut (1). (As described in point 2).

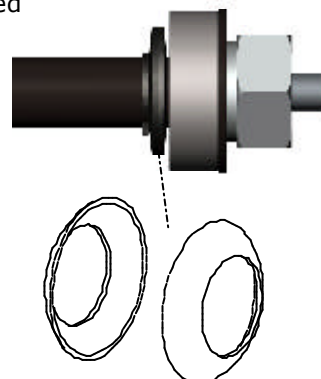


Figure 4

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