

Info sheet 2010-02
2010-03-22

PROCEDURE WITH LEG SUPPORT FOR SWING

Concern chassis delivered before date: 01 Aug 2009.

As we have noticed before we have reinforced the attachment of the leg support for the Panthera Swing. The reinforcement is on chassis delivered after date 01 Aug 2009. You can easily check if you have a reinforced chassis by looking at the attachment to see if there is a stop screw that indicates a reinforced chassis, see lower image. For wheelchairs delivered before date 01 Aug 2009 we have compiled a reinforcement-kit to solve or prevent the problem.

Description of the problem and how we reinforce the chassis today.



What happens:

During heavy load, the attachment for the leg support on Panthera Swing, delivered before date 01 Aug 2009, could come loose slightly. See upper image.

Risk:

There is no risk for the attachment to come loose completely, just a small gap will occur between the vertical chassis tube's (unpainted) upper limit and the chassis socket. The function of the swing-away leg rest could get less accurate. There is no risk of using a wheelchair with this defect.

What we have done:

What we have done is to add two slits on the vertical tube to make it expand against the socket correctly and that the glue gets a good grip. We have also added a stop screw to strengthen the attachment even more.



What can I do?

Make sure to check this part at service or re-conditioning. If you have a wheelchair delivered before 01 Aug 2009 and it's missing the reinforcement you can use our reinforcement-kit to solve the problem, see page 2.

Reinforcement-kit



The reinforcement-kit contains:

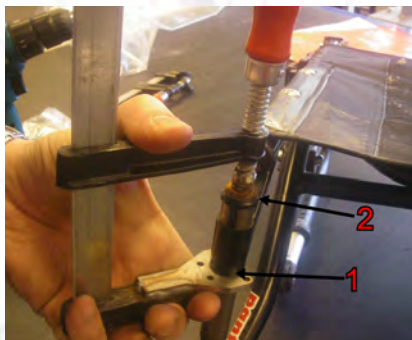
- 1) A special clamp tool
- 2) A drill 2,4 mm
- 3) A tap for M3
- 4) An allen key
- 5) 2p M3 stop screw.



To reinforce the chassis you drill hole by the attachment and thread it for M3, where you put a stop screw.

To prevent the problem with the chassis, you should check all wheelchairs, delivered before 01 Aug 2009, that submits service, repair or re-conditioning and perform the reinforcement procedure.

Start with disassemble the rear wheels, leg supports and eventually the brake to get more working space.



Place the clamp tool on the upper attachment as shown in the image.

See to that the tool is against the surface underneath (1) and steer into the hole on top (2).

Start to turn the clamp to compress the attachment until no gap is visible.

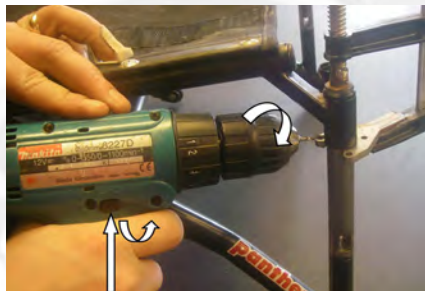
How much force that is needed vary between chairs. Some needs less force than others.

Let the clamp tool remain in place after compression.





Make a hole with the 2,4 mm drill
The hole should be placed approx. 7 mm from the lower edge and be as close to the center as possible. Try to keep the drilling machine as close to the chassis as possible and at a 90 degree angle to the vertical chassis tube.
Drill through the wall of the tube..



Use the M3 tap in the same hole. Thread clockwise carefully on a very low rpm. Before the tap pass through, stop the machine and set it on reverse by pushing button (3), could vary on different machines. Gently thread anti clockwise until the tap is free.



Screw the M3 screw in place. Then remove the clamp tool.



NOTE! Very important!

Carefully remove all chips and dirt that could damage the leg support attachment when it's in use.

Repeat the procedure on the other leg support.

Done!

For more info, please contact the manager of Panthera:

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