

# Operation Manual

## Shoe Attachment for SA-3





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Shoe Attachment R



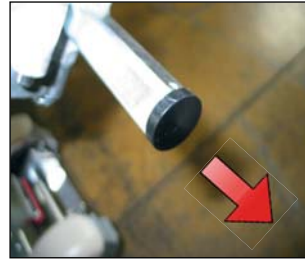
Shoe Attachment L

# 1. How to exchange the Slide Block

1. take the Spring Pin Ø 4 from both the Slide Arms.

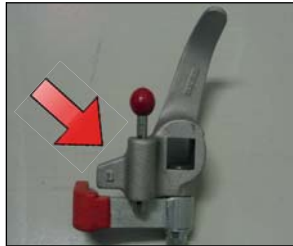
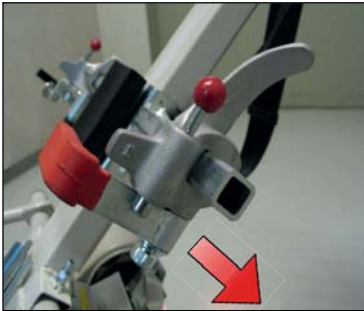


Take off the Spring Pin 4 from both Slide Arm.



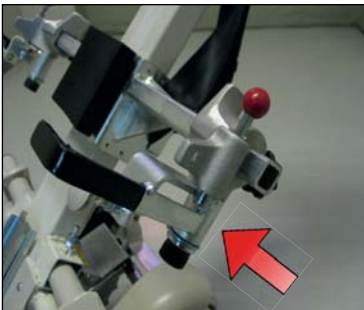
Remove the Stopper from the end of Slide Arms on both side.

2. Remove the standard Slide Blocks. (each Slide Block has own direction for L and R)

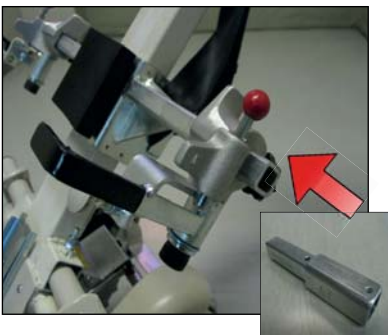


L or R sign is shown.

3. Put on the Slide Block for Shoe Attachment as shown in following. (each Slide Block has own direction for L and R)



L or R sign is shown.



In case of the Shoe Attachment with extension (refer to page 7-9) for wider wheelchair, the Slide Arm Extensions are needed to be attached as shown.

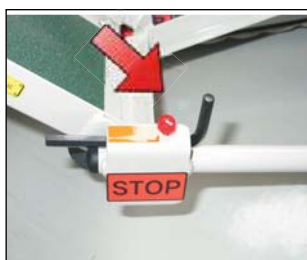
## 2. How to put on the Shoe Attachment (for normal width wheelchair)

### 1. Tools

Spanner 13mm (open-end type is better) 2 pcs.

Spanner 17mm (open-end type is better) 1 pc. (Adjustable wrenches 24mm over is also OK)

Hexagon Socket Screw Keys 6mm 1pc (standard accessory)

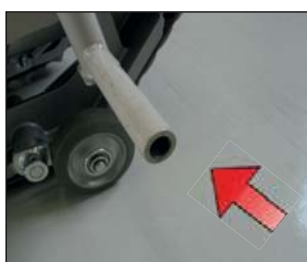


Get loose the red screw to withdraw and use Hexagon Socket Screw.

### 2. Bolt for normal width (L & R)



the Normal Bolt

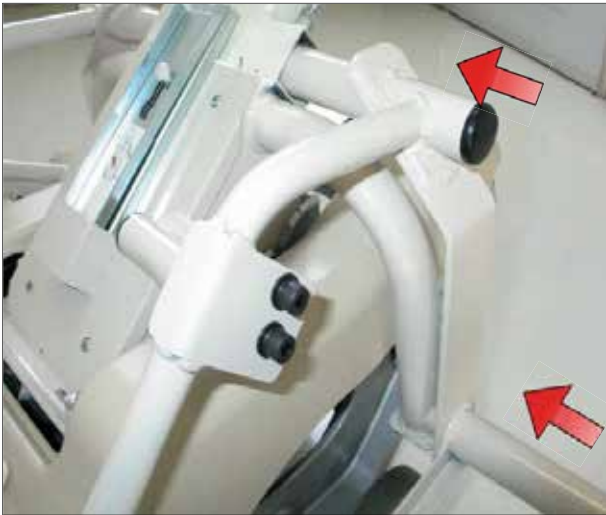


Remove the Cap.



Get the Normal Bolt tighten with spanner 17mm.

3. Put on the Shoe Attachment as shown in following.



Take off the square cap.

Push the Shoe Attachment until this point comes to end.

4. Bolt with Double Nuts



Follow the procedure 4.1.- 4.4.

4.1. Get tighten the Bolt by Hexagon Socket Screw 6mm.

4.2. Get tighten the lower nut clockwise by spanner 13mm

4.3. Get tighten upper nut clockwise by spanner 13mm.

4.4. Holding the upper nut by spanner, turn the lower nut counterclockwise to fix both upper and lower nuts.

5. Bolt with plane washer and Nord-Lock washer.



Put plane washer and Nord-Lock washer to make the surface showing bigger wedge pitch on the Nord-Lock meet to the Bolt.



Get the Bolt tighten by the Hexagon Socket Screw 6mm.

Installation of the Shoe Attachments is completed. (for normal width wheelchair)



### 3. How to put on the Shoe Attachment (for wider width wheelchair)

\*additional 40mm x both side = totally 80mm wider

#### 1. Tools

Spanner 13mm (Open-end type is better) 2pcs.

Spanner 17mm (Open-end type is better) 1pc.

Spanner 24mm (Open-end type is better) 1pc.

\*Adjustable wrenches 24mm over is also OK in stead of above spanners

Hexagon Socket Screw Keys 6mm 1pc. (standard accessory)



Get the red screw and get off the Hexagon socket Screw Key.

#### 2. How to put the Extension Pipe and the Long Bolt



the Extension Pipe



the Long Bolt



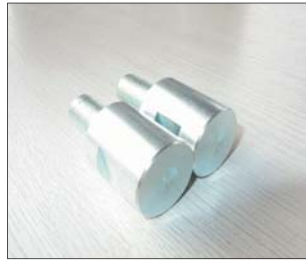
Remove the Cap



Put the Extension Pipe on the Support Pipe.

Get the Long Bolt tighten by spanner 17mm.

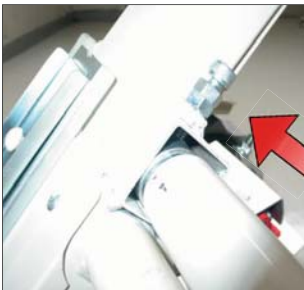
### 3. How to put the Extension Bolt on.



the Extension Bolt  
& the Spring Washer 16mm



Get the Extension Bolt  
by spanner 24mm.



Slide in the Shoe Attachment until  
it touches the Extention Pipe.

### 4. Bolt with Double Nuts



Follow the procedure 4.1. - 4.4.

4.1 Get tighten the Bolt by Hexagon Socket  
Screw 6mm.

4.2 Get tighten the lower nut clockwise by  
spanner 13mm.

4.3 Get tighten upper nut clockwise by spanner  
13mm.

4.4 Holding the upper nut by spanner, turn the  
lower nut counterclockwise to fix both upper  
and lower nuts.



5. Bolt with plane washer and Nord-Lock washer.



Put plane washer and Nord-Lock washer to make the surface showing bigger wedge pitch on the Nord-Lock meet to the Bolt.



Get the Bolt tighten by the Hexagon Socket Screw 6mm.

Installation of the Shoe Attachments is completed.  
(for wider width wheelchair)



## 4. Adjustment of Stopper

The Adjustable Stopper can be suitable depends on the size of wheel of wheelchair.

in case of 12" wheel of wheelchair



the Adjustable Stopper

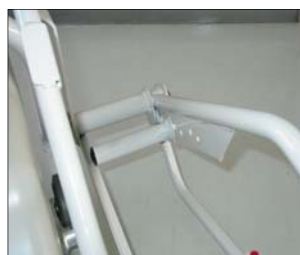


Get bolts by attached Hexagon Socket Screw 6mm.

in case of 16" wheel of wheelchair



in case of 20" wheel of wheelchair



in case of 22" wheel of wheelchair



## 5. How to set wheelchair on the Shoe Attachment



1. Confirm that SA-3 is on flat surface.

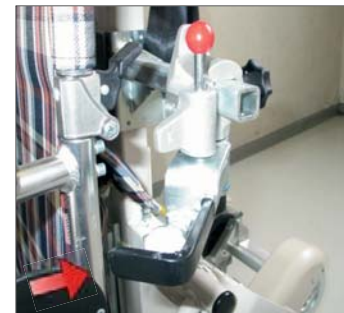
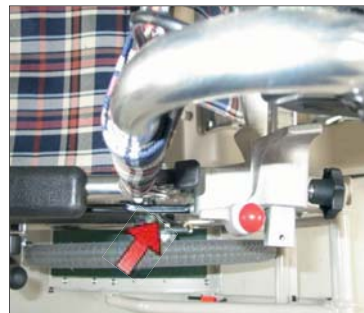


2. Tilt the Handle of SA-3 up as shown in the picture and then, confirm whether the Handle keeps its position without any support.

3. Put wheelchair on the Shoe Attachment ensuring wheelchair in center. At this moment, confirm that the wheels are touch the Adjustable Stopper. And confirm that wheelchair's brake works.



4. Confirm whether the Forks are touch the frame of wheelchair and tighten the Knob on left and right side.



5. Confirm whether the Lock Pins lock the Forks securely.

The Fork is not locked.



6. Tilt the Handle back until the handle Unit is latched on the Drive Unit.

# NOTES

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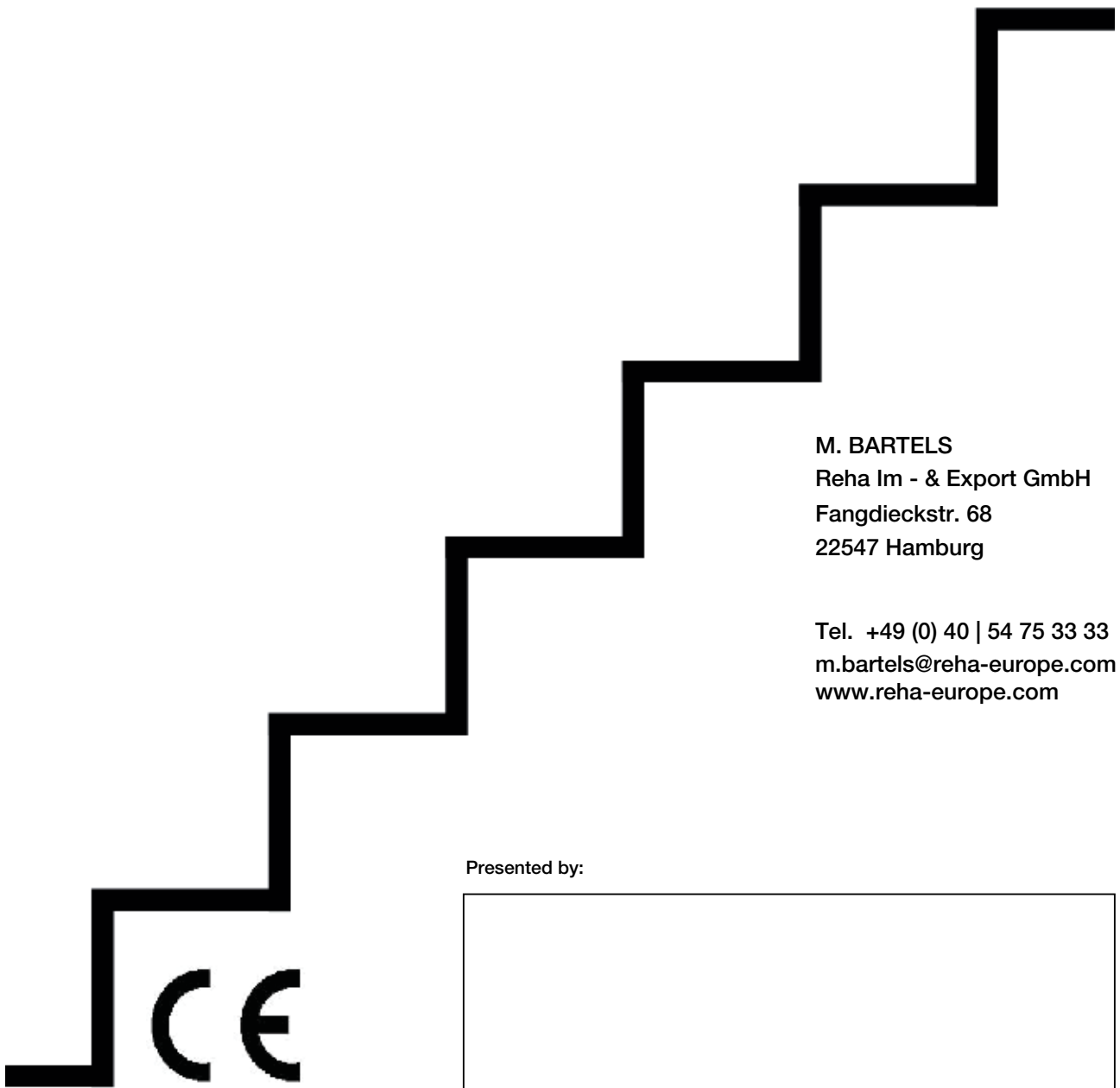
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