



# RolloGuard™

## RolloGuard Wheel Assembly Manual

Applicable for wheel versions 5AAWR01 and 5AAWL01  
with Frame Adapter Kit 5AAFA02



Version 2022.12

### IMPORTANT!

DO NOT PERFORM THIS OPERATION WITHOUT HAVING SUFFICIENT  
MECHANICAL KNOWLEDGE AND USING CORRECT TOOLING.

DAMAGES TO THE ROLLOGUARD COMPONENTS DUE TO IMPROPER  
MAINTENANCE IS NOT COVERED BY WARRANTY.

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## Tools needed to safely mount the RolloGuard Wheel

To safely mount the RolloGuard Wheel(s), you need the appropriate tooling. We recommend to purchase the RolloGuard Tool Kit (5AATK01) or use a similar set of tools as described below.



### CAUTION

**This product contains neodymium magnets. Neodymium magnets must be handled with care to avoid personal injury.**

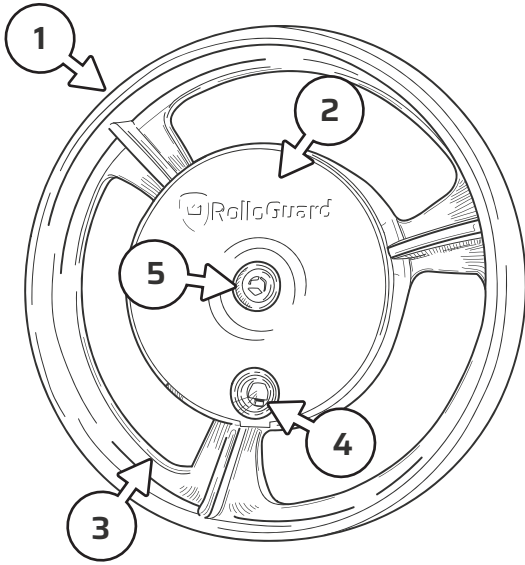
#### Heart pacemakers

*Neodymium magnets can have a dangerous effect on medical implants such as pacemakers. Please ensure the Protective Setting Inserts are never in close proximity to any such device.*

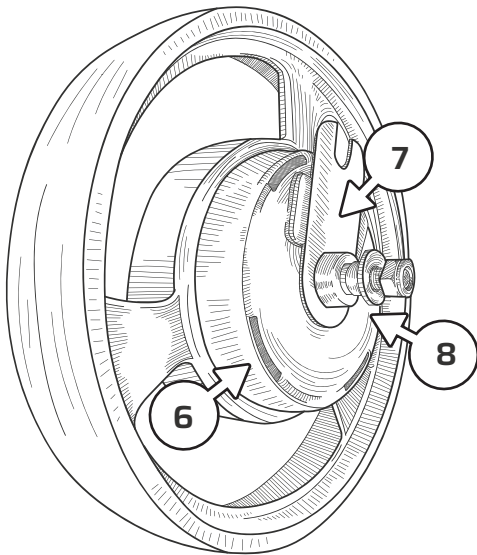
#### Children

*All Neodymium magnets should be kept away from children at all times as swallowing or direct contact carry significant health hazards.*

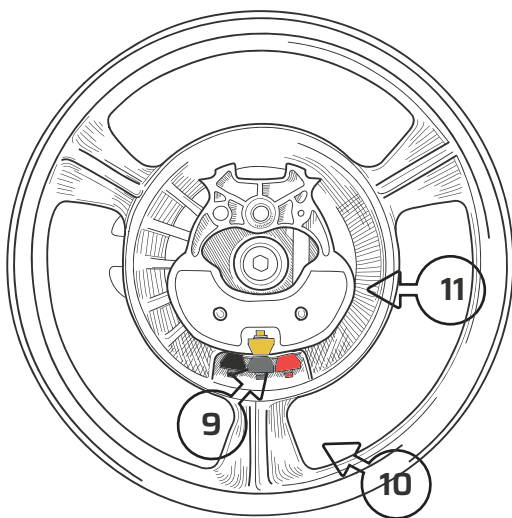
## Components and materials



ID	Component	Material	Type
1	Tire	Thermo-plastic	TPE SHA 40 +/-2
2	Hubcap	Plastic	Polyamide - PA
3	Wheel rim	Plastic	Polypropylene - PP 15% fiber glass
4	Cap for finetuning plugin	Plastic	Polypropylene - PP
5	Axle	Metal	Steel galvanized

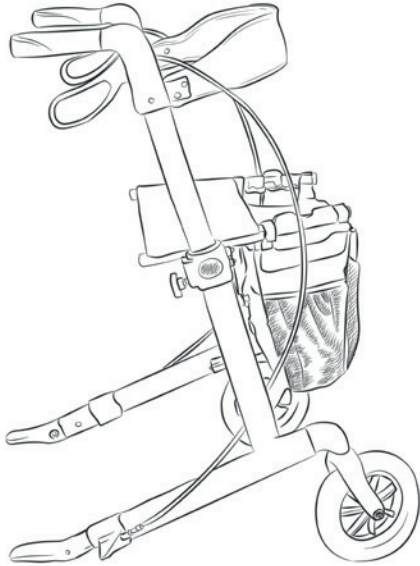


ID	Component	Material	Type
6	Brake drum	Plastic	Polyamide - PA6 50% fiber glass
7	Adapter	Metal	Magizink
8	Adapter kit	Plastic/ metal	Steel galvanized PA6

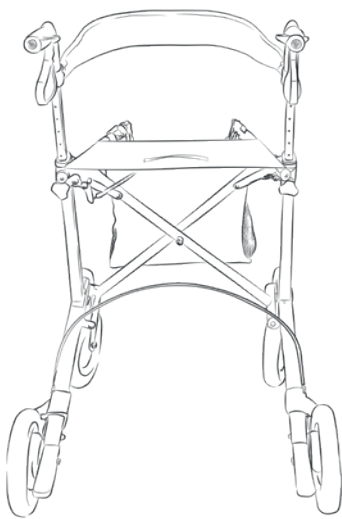


ID	Component	Material	Type
9	Safety plugins	Polyoxi-methylene/ Magnets	POM-C Neodym magnets
10	Directional indicators	-	-
11	Brake arm	Plastic/ Metal	Polyamide - PA6 30% fiber glass Zinc
-	Brake pad STOP	Rubber	EPDM
-	Synchronizer	Plastic	ABS

**STEP 1: Prepare your Rollator for the upgrade**



*After removing the original wheels in accordance with the Rollator User Manual or Assembly Guide, place the Rollator safely on an even clean surface, preferably a table. Ensure that the Rollator is unable to move.*



Left

Right

*"Left" and "right" is indicated by standing in a position behind the rollator.*



**IMPORTANT**

Please handle the RolloGuard Wheel with caution making sure it is not scratched or dropped.

**STEP 2: Check brake activation direction**

Ensure that the RolloGuard Wheels are configured to be mounted on the Right and Left side of the Rollator. This is indicated by a marking on the RolloGuard Wheel rim in combination with the placement of the RolloGuard Wheel hubcap as detailed below.



Picture: directional markings (L/R)



Picture: Left (L) side configuration

The RolloGuard Wheels is sold in pairs and comes pre-configured to be mounted on the right and left side of the Rollator.

Always double check the individual RolloGuard Wheel configuration before mounting it. Place the protruding plastic tip on the hubcap in the corresponding slot making sure it points to the correct directional indicator. Ensure the hubcap is securely fastened before using the Rollator.

For more information about configuring the RolloGuard Wheel, please consult the RolloGuard Wheel User Guide.



Picture: Right (R) side configuration



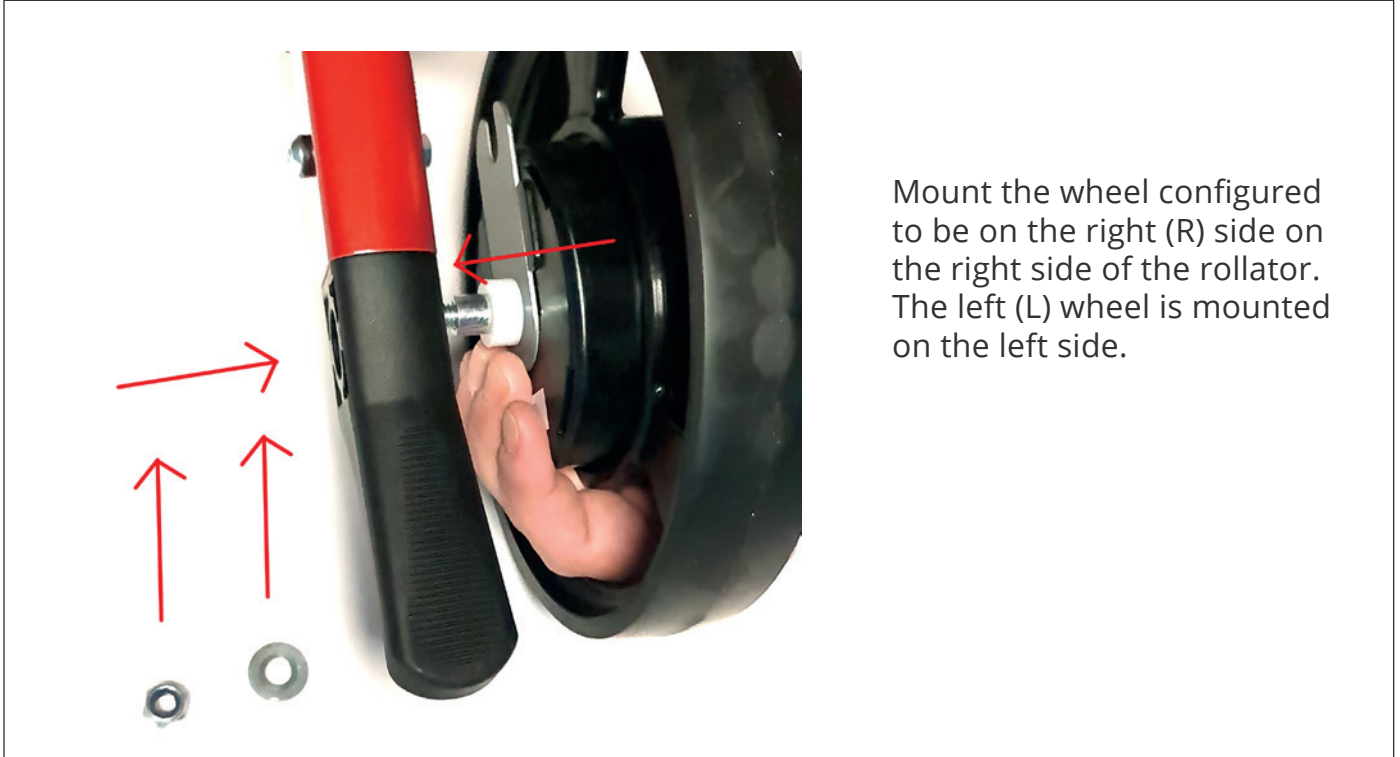
**WARNING**

**WARNING**

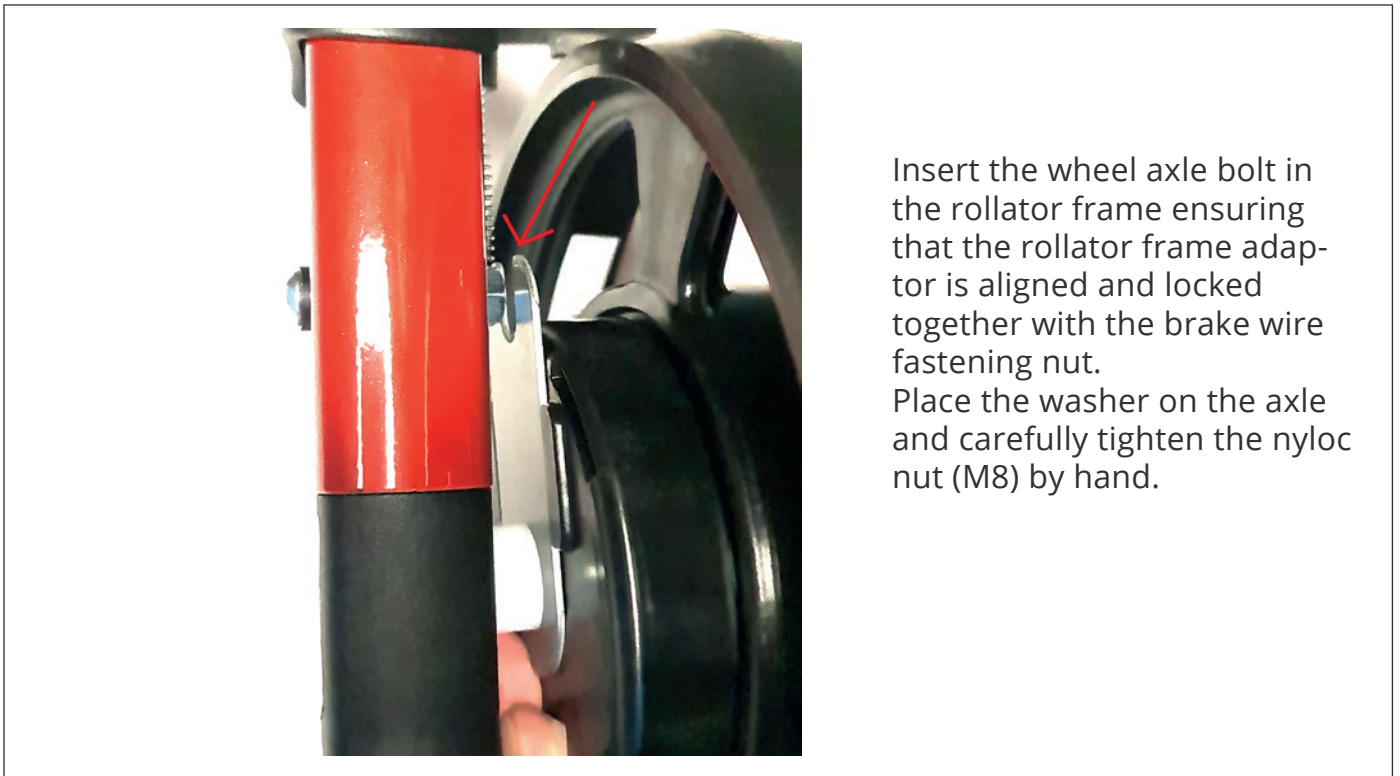
*If the hubcap is placed in the wrong slot, the wheel will not brake in the desired direction. If the hubcap is not placed correctly in a slot, the brake might not work at all and could cause an accident.*

### STEP 3: Mount the RolloGuard Wheels

A: For RolloGuard Wheels with Frame Adapter Kit 5AAFA02.



Mount the wheel configured to be on the right (R) side on the right side of the rollator. The left (L) wheel is mounted on the left side.



Insert the wheel axle bolt in the rollator frame ensuring that the rollator frame adaptor is aligned and locked together with the brake wire fastening nut. Place the washer on the axle and carefully tighten the nyloc nut (M8) by hand.

**STEP 4: Tighten the wheel bolt**

A: For RolloGuard Wheels with Frame Adapter Kit 5AAFA02.



*5Nm Torque wrench with 13mm bits socket and 6mm allen key.*

Use the 5Nm torque wrench with the 13mm bits socket on the M8 nyloc nut and the 6 mm alle key on the bolt. Tighten the wheel bolt until a loud "click" is sounding.

Repeat on the other wheel.



Do not use more than 5Nm of force as it might damage the axle and RolloGuard wheel making the Rollator unusable.

Control RolloGuard Wheel functionality is matching the desired configuration.