


# Docking anchoring set

Model: 1.618

## Assembly- / user manual

### MEANING OF THE APPLIED MARKERS

Safety instructions with a coloured background are mandatory and need to be observed under any circumstance!

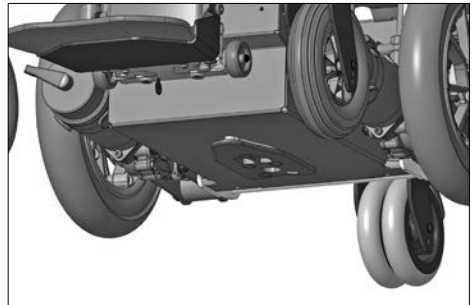
-  This symbol indicates tips and recommendations
- [ ] Reference to a picture number
- ( ) Reference to a function element within a picture.

### INTRODUCTION

Read and observe this manual before first operation. Children and adolescents should read this document if necessary together with their parents or a supervisor or accompanying person before first use.


The user manual at hand should help you get accustomed to the handling of your product.

This product is a technical aid. It is subject to explanations, requires regular care and can cause danger when used improperly. The correct handling must therefore be learned.



Users with visual impairments can find the PDF-files together with further information on our website:

< [www.meyra.com](http://www.meyra.com) >.

-  Contact your specialist dealer when required.

Information about product safety and possible recalls of our products can be found in the < *Infozentrum* > on our website:

< [www.meyra.com](http://www.meyra.com) >.

The product meets the demands of ISO 7176-19.

## LIST OF MODELS

This assembly and user manual is valid for the following model options:

Model 1.618

## USE

The Dahl Engineering docking anchoring set is solely to be used together with a Dahl Engineering anchoring unit mounted expertly into a motor vehicle < [www.dahlengineering.dk](http://www.dahlengineering.dk) >.

This product serves for automatic fixation of the wheelchair during the transport of people inside a motor vehicle.

## ASSEMBLY INSTRUCTIONS

### Scope of delivery

Docking anchoring set:

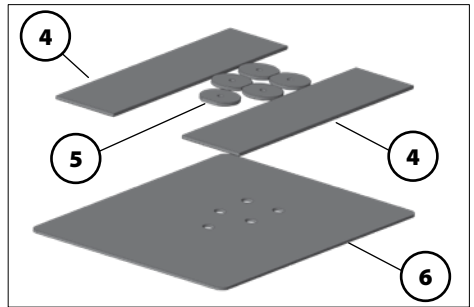
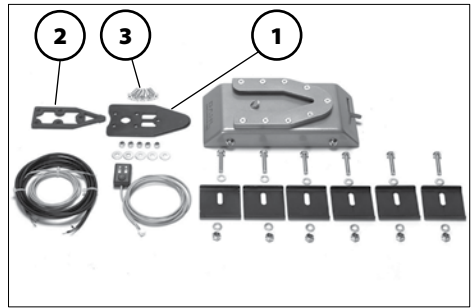
### Scope of delivery Dahl

(as component of the attachment inside the motor vehicle)

- (1) 1x Locking plate
- (2) 1x Distancer
- (3) 5x Countersunk screw

### Scope of delivery Meyra

- (4) 2x Distancer plate
  - (5) 5x Flat nut
  - (6) 1x Reinforcement plate
- 1x Assembly and user manual



## ASSEMBLY

The following assembly is to be carried out by a professionally qualified person.

Detailed information to the assembly tips of the Dahl Docking-Station inside the motor vehicle can be obtained per e-mail at: < [sales@dahlengineering.dk](mailto:sales@dahlengineering.dk) >.

### Safety information

The electric wheelchair is to be switched off during assembly in order to prevent unintentional rolling movements.

Before assembly the main-/battery fuse is to be removed.

Watch for jamming areas during the complete assembly. – Danger of crushing!  
Keep the working area clean during the assembly!

## Mounting the docking set

For correct ground clearance of at least 60 mm, assembly is to be carried out with the actual user weight.

When required a corresponding distancer (2) can be requested at < [www.dahlengineering.dk](http://www.dahlengineering.dk) >.

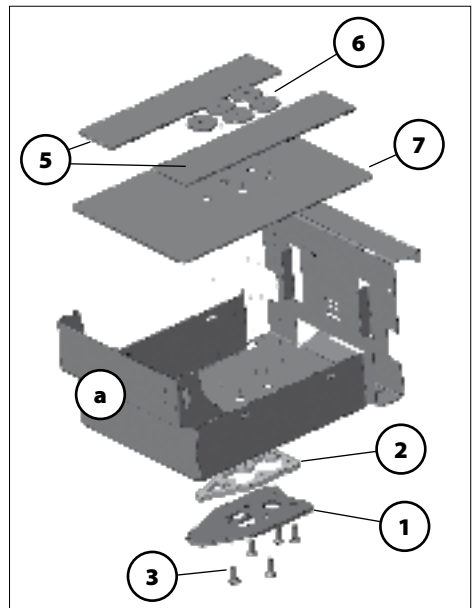
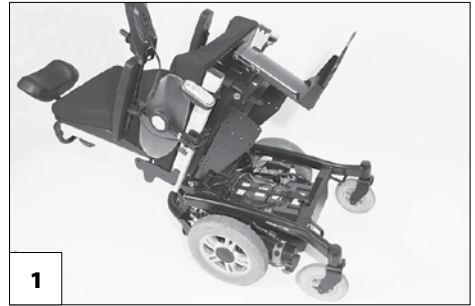
For safety reasons only use the included special countersunk screws (quality grade 14.9, Torx 27).

The included special countersunk screws may not reach over the contour of the flat nut (4) and must be shortened before securing them with Loctite.

Secure the countersunk screws with Loctite 222.

Observe torque 16 - 18 Nm!

1. Switch the electric wheelchair off.
2. Pull the battery fuse.
3. Establishing the service position [1].
4. Remove the batteries.
5. Place the reinforcement plate (6) into the battery case (a).
6. Screw the locking plate (1) and resp. the distancer washer (2) with the counter-sunk screws (3) and flat nuts (5) onto the bottom of the battery case.
7. Place the two distancer plates (4) on both sides of the flat nuts (5).
8. Replace the batteries.
9. Check and ensure the firm seat of the docking set in combination with the assembly inside the motor vehicle.



## Re-establish driving readiness

1. Swivel the seat unit down.
2. Insert the battery fuse.

# USER MANUAL

## Safety information

When using the wheelchair watch for the reduced ground clearance due to the mounted docking set. – Danger of accidents!

☞ Therefore observe < *Technical data* auf Seite 6 > .

For handicapped transport inside a motor vehicle observe the document < *Sicherheit mit Meyra-Rollstühlen, auch bei der Beförderung im Kraftfahrzeug* > on our website < [www.meyra.com](http://www.meyra.com) > .

Only drive wheelchairs equipped with the docking set into Dahl Engineering anchoring units.

Before use make sure that the product is functional. – Danger of accidents!

Do not use a loose locking plate to anchor the wheelchair. – Increased danger of accident!

Correct anchoring of the wheelchair with the docking-station only happens with the weight of the user.

The user must be secured with a certified strap-retaining system.

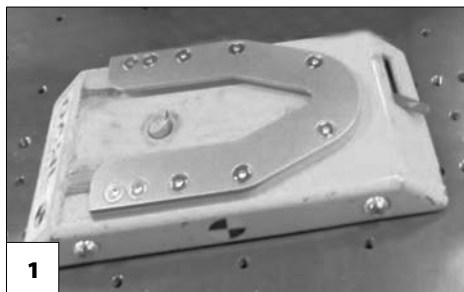
MEYRA do not claim responsibility for damages that are caused by unattended minors in combination with the product!

## Anchoring the wheelchair

If the wheelchair is anchored correctly, a control diode will light up on the operating module of the docking station.

Further information to the Dahl Docking Station can be found on the website: < [www.dahlengineering.dk](http://www.dahlengineering.dk) > .

To lock the docking station, move the wheelchair straight and centred over the



anchoring unit (1) on the floor of the motor vehicle.

☞ If the wheelchair is **not** anchored correctly, a warning signal sounds and a warning light appears on the operating module of the docking station.

## Unlocking the wheelchair

To unlock the wheelchair, press the release key on the operating module ( ) of the docking station and then move the wheelchair slowly backwards out of the anchoring unit (1) on the floor of the motor vehicle.

## Cleaning

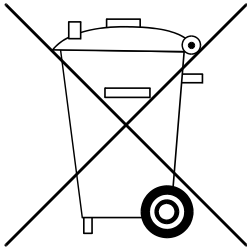
For cleaning it is recommended to use soap-solution. The detergent should in any case have a PH-value of no less than 6 (neutral cleanser).

Do not use any detergents that contain solvents.

## Repairs

Use only original spare parts. Make use of the service of your educated dealer.

## **DISPOSAL**



The disposal must occur in accordance with the respective national regulations.

Please enquire about local disposal arrangements at your municipal authority.

## **MAINTENANCE**

An incorrect or neglected cleaning and maintenance of the product results in a limitation of the product liability.

### **Maintenance**

The following maintenance Instruction gives you a guide for carrying out the maintenance work.

- ✎ They do not give information about the actual extent of work required on the product.

## Maintenance schedule

WHEN	WHAT	Remark
<b>After use</b>	<b>Check for extreme soiling</b> Clean if required	Carry out the cleaning by yourself or by an aid.
<b>Every 6 months</b> (depending on frequency of use)	<b>Check screwed connections for firm seat.</b>	Carry out the test yourself or by a helper.
<b>Manufacturer recommendation:</b> Every 12 months (depending on frequency of use)	Safety inspection	To be carried out by the specialist dealer.

## TECHNICAL DATA

### Docking-Station

Perm. user weight (including additional load)	136 kg
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A higher user weight indicated on the type plate of your wheelchair is limited by the permitted user weight of the docking station.

## WARRANTY / GUARANTEE

We accept legal liability for this product within the scope of our general terms and conditions and warranty and in certain cases other verbal resp. agreed upon guarantees.

☞ Therefore observe chapter < *Warranty / Guarantee* > of the operating manual of your wheelchair.

# NOTES

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This product is conform with the EC-directive 93/42/EEC (MDD) and fulfils up from 25th May 2020 the valid requirements of the regulation (EU) 2017/745 for medical devices.

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