

# Q'STRAIN<sup>®</sup>

# QLK<sup>®</sup>

## QUANTUM EDGE 4

## MOUNTING BRACKET INSTALLATION INSTRUCTIONS

**STOP**

### READ ALL INSTRUCTIONS PRIOR TO INSTALLATION

- Some foot rest options will require the user to raise prior to allow docking. Any kerb climbers fitted to the chair may interfere with the docking process – please ensure at least 85mm ground clearance.
- Only compatible with 14" wheel option
- Only compatible with 47Ah battery
- This is a comprehensive step-by-step instruction guide on how to install the Quantum Edge 4 Bracket (2025: Wheelchair manufacture date).
- Please note, some images may not be the same colour as the supplied equipment.
- Make sure to read, understand and follow these instructions.
- To address any questions, contact the nearest Q'STRAIN<sup>®</sup> office.
- All deviations and alterations from these instructions MUST be reported to both your supervisor and Q'STRAIN<sup>®</sup>.
- For installation of the QLK Docking system, please refer to the separate Installation Instructions and the Use and Care Manual.



### IMPORTANT SAFEGUARDS AND WARNINGS

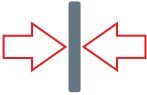
- All equipment and components MUST be installed and serviced by an experienced and trained technician.
- The QLK Wheelchair Docking System complies with all applicable requirements of ADA, FMVSS, CMVSS, SAE J2249, CSA Z604, AS2942, ISO 10542-1 and ANSI/RESNA WC-4 SECTION 18.
- This System is a complete integrated system, do not alter or modify it in any way and do not interchange or substitute any components. Any deviation from these recommendations is the responsibility of the installer.
- The QLK Docking System, bracket and its components MUST be regularly inspected, cleaned, and maintained.
- Do NOT attempt to repair, adjust, or modify any component(s) of the QLK system or bracket without consulting a Q'STRAIN<sup>®</sup> representative.
- The QLK Wheelchair Docking System should not be operated by anyone who does not have full comprehension of how the System works or if the System is not working properly.
- The QLK Wheelchair Docking System, bracket and all system components including floor and wall anchorages MUST be replaced after a vehicle collision.
- The QLK Wheelchair Docking System MUST be installed with a compliant occupant restraint system (shoulder and lap belt).
- Broken and worn components MUST be replaced.
- All damages and defects MUST be reported to both your supervisor and Q'STRAIN<sup>®</sup>.
- Only use Q'STRAIN<sup>®</sup> components with this system, including hardware and wheelchair interface bracket unless otherwise stated.
- Q'STRAIN wheelchair brackets and QLK docking station have been designed and tested as a system, for use with specific wheelchairs. Q'STRAIN supply all the components/hardware required to install the system so the configuration is the same as that tested and set out in the individual installation instructions. Occasionally, wheelchairs may have additional components installed which are not detailed in our installation instructions and which may need to be temporarily removed in order to gain access to fixing holes or support frames to enable the attachment of the wheelchair bracket. It is the responsibility of the installer to ensure that all such wheelchair component(s) are put back in their original location using the original fixings or fixing of the same size and grade. Each wheelchair should be test driven after fitment of the bracket, to ensure it is functioning correctly.

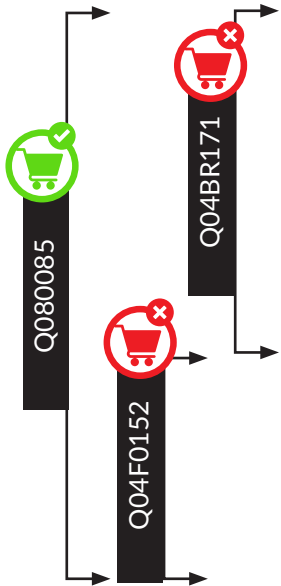
### SAVE THESE INSTRUCTIONS

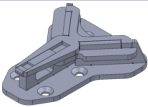
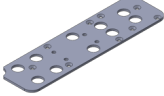
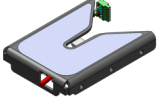


|  |                                                                                        |                                                                                                               |
|--|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|  | <b>Go To Sequence Number</b><br>Ir a Número de secuencia                               | <b>Aller à Numéro de séquence</b><br><b>Gehe zu Sequenznummer</b>                                             |
|  | <b>Repeat Sequence(s) in defined order</b><br>Repita la secuencia en un orden definido | <b>Répéter la séquence</b> dans l'ordre défini<br><b>Sequenz in definierter Reihenfolge</b> wiederholen       |
|  | <b>Refer to sequence #</b><br>Consulte la secuencia #                                  | <b>Se référer à la séquence #</b><br><b>Siehe Sequenz #</b>                                                   |
|  | <b>Step Number</b><br>Número de paso                                                   | <b>Numéro d'étape</b><br><b>Schrittnummer</b>                                                                 |
|  | <b>Rotate/Turn (angle)</b><br>Rotar/Girar (ángulo)                                     | <b>Tourner/Tourner (angle)</b><br><b>Drehen/Drehen (Winkel)</b>                                               |
|  | <b>Move circled object</b><br>Mover objeto dentro de un círculo                        | <b>Déplacer</b> objet encerclé<br><b>Bewegen</b> eingekreistes Objekt                                         |
|  | <b>Remove/Detach highlighted object</b><br>Quitar/Separar objeto resaltado             | <b>Supprimer/Détacher</b> l'objet en surbrillance<br>Markiertes Objekt <b>entfernen/lösen</b>                 |
|  | <b>Move to Remove or Replace</b><br>Mover para Quitar o Reemplazar                     | <b>Déplacer pour supprimer ou remplacer</b><br><b>Wechseln Sie zu Entfernen oder Ersetzen</b>                 |
|  | <b>Repeat (sequence) on opposite side</b><br>Repetir (secuencia) en el lado opuesto    | <b>Répéter (séquence) du côté opposé</b><br><b>Wiederholen Sie (Sequenz) auf der gegenüberliegenden Seite</b> |
|  | <b>Inspect</b><br>Inspeccionar                                                         | <b>Inspector</b><br><b>Prüfen</b>                                                                             |
|  | <b>Disconnect Battery</b><br>Desconecte la batería                                     | <b>Déconnecter la batterie</b><br><b>Batterie abklemmen</b>                                                   |
|  | <b>Reconnect Battery</b><br>Vuelva a conectar la batería                               | <b>Reconnecter la batterie</b><br><b>Batterie wieder anschließen</b>                                          |
|  | <b>Remove Battery</b><br>Retire la batería                                             | <b>Retirer la batterie</b><br><b>Batterie entfernen</b>                                                       |
|  | <b>Replace Battery</b><br>Reemplazar la batería                                        | <b>Remplacer la batterie</b><br><b>Batterie wechseln</b>                                                      |
|  | <b>Allen Key (size)</b><br>Llave Allen (tamaño)                                        | <b>Clé Allen (taille)</b><br><b>Inbusschlüssel (Größe)</b>                                                    |



|                                                                                     |                                                                           |                                                                      |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------|
|    | <b>Disconnect</b><br>Desconectar                                          | Déconnecter<br>Trennen                                               |
|    | <b>Optional Step</b><br>Paso opcional                                     | Étape facultative<br>Optionaler Schritt                              |
|    | <b>Medium Strength Threadlock</b><br>Threadlock de fuerza media           | Threadlock de puissance moyenne<br>Threadlock mittlerer Stärke       |
|    | <b>Tighten</b><br>Apretar                                                 | Serrer<br>Spannen                                                    |
|    | <b>Do Not Tighten</b><br>No apriete                                       | Ne pas serrer<br>Nicht festziehen                                    |
|    | <b>Measure</b><br>Medida                                                  | Mesure<br>Messen                                                     |
|   | <b>Refer to OEM Manual</b><br>Consulte el Manual del OEM                  | Reportez-vous au manuel OEM<br>Siehe OEM-Handbuch                    |
|  | <b>Caution!</b><br>¡Precaución!                                           | Mise en garde!<br>Vorsicht!                                          |
|  | <b>Cut</b><br>Corte                                                       | Couper<br>Schnitt                                                    |
|  | <b>Cable Tie</b><br>Brida                                                 | Attache de câble<br>Kabelbinder                                      |
|  | <b>Points Toward Front of Chair</b><br>Apunta hacia el frente de la silla | Points vers l'avant de la chaise<br>Zeigt zur Vorderseite des Stuhls |
|  | <b>Draw/Mark</b><br>Dibujar / Nota                                        | Dessiner / Marque<br>Malen / Marke                                   |
|  | <b>Rotary Tool</b><br>Herramienta rotativa                                | Outil rotatif<br>Rotierendes Werkzeug                                |
|  | <b>Lift/Suspend</b><br>Levantar/Suspender                                 | Soulever/Suspendre<br>Anheben/Aussetzen                              |
|  | <b>Shown for Reference</b><br>Mostrado como referencia                    | Montré pour référence<br>Als Referenz gezeigt                        |



|  |    |  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| QS01274                                                                           |    | 1                                                                                   |
| Q04C1516                                                                          |    | 1                                                                                   |
| Q04C1517                                                                          |    | 1                                                                                   |
| QE9-8102                                                                          |     | 2                                                                                   |
| QE9-8140                                                                          |    | 13                                                                                  |
| Q04S153                                                                           |  | 1                                                                                   |
| QC03004<br>2.5"                                                                   |  | 1                                                                                   |
|                                                                                   |                                                                                      |                                                                                     |
|                                                                                   |                                                                                      |                                                                                     |
|                                                                                   |                                                                                      |                                                                                     |



# INSTALLATION PROCEDURE

Procédure d'installation    Procedimiento de instalación    Installationsvorgang

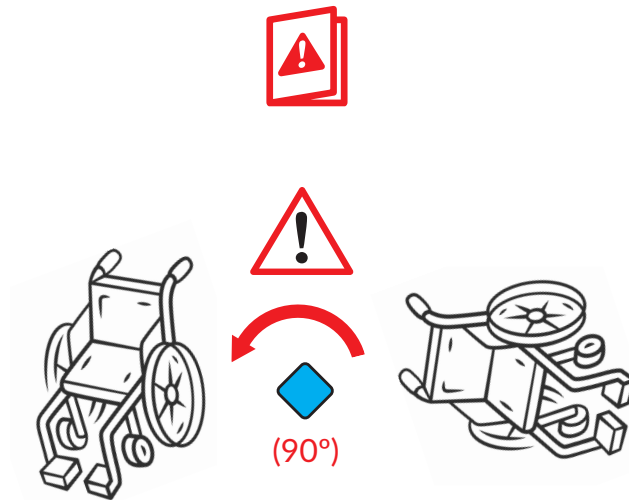
1

**Some images used in the following procedure may not be a true representation of actual chair**

Certaines images utilisées dans la procédure suivante peuvent ne pas être une représentation fidèle de la chaise réelle

Algunas imágenes utilizadas en el siguiente procedimiento pueden no ser una representación fiel de la silla real

Einige Bilder, die im folgenden Verfahren verwendet werden, sind möglicherweise keine wirkliche Darstellung des tatsächlichen Stuhls



**Disconnect & remove wheelchair batteries according to manufacturer's instructions.**

**Once removed, place wheelchair on its side.**

Débranchez et retirez les batteries du fauteuil roulant conformément aux instructions du fabricant.

Une fois les batteries retirées, couchez le fauteuil roulant sur le côté.

Desconecte y retire las baterías de la silla de ruedas siguiendo las instrucciones del fabricante.

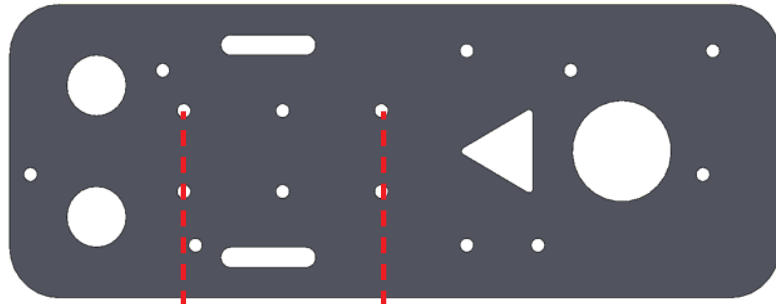
Una vez retiradas, coloque la silla de ruedas de costado.

Trennen und entfernen Sie die Batterien des Rollstuhls gemäß den Anweisungen des Herstellers.

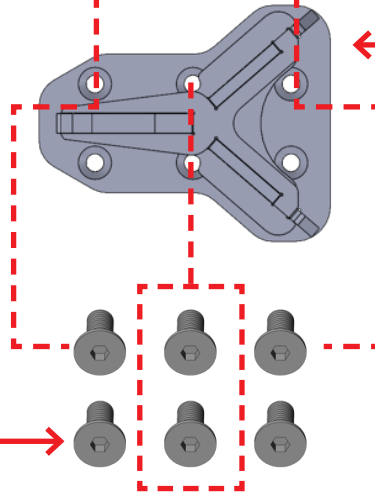
Legen Sie den Rollstuhl nach dem Ausbau der Batterien auf die Seite.

2

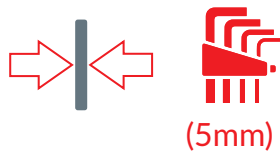
Q04C1517 →



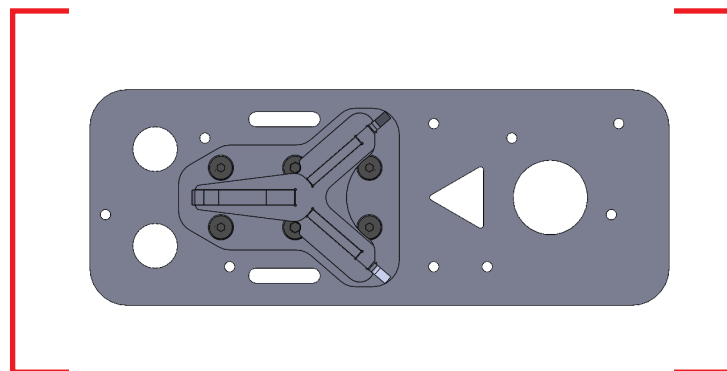
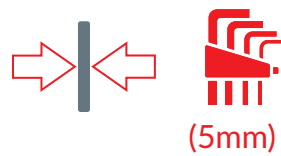
← QS01274



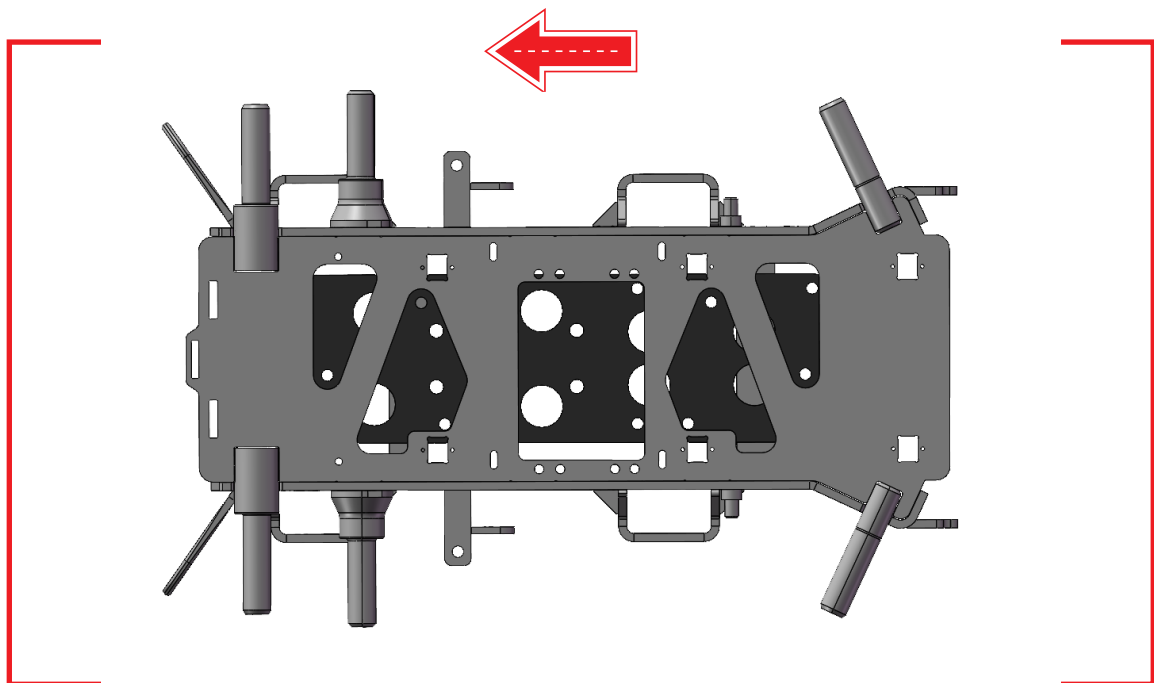
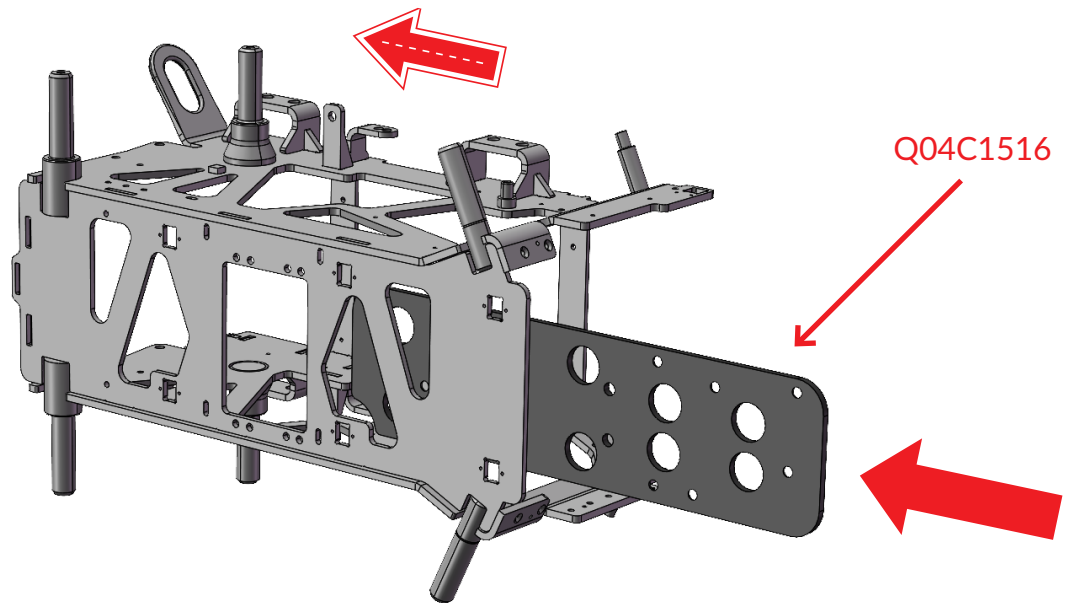
4 x QE9-8140 →



2 x QE9-8102

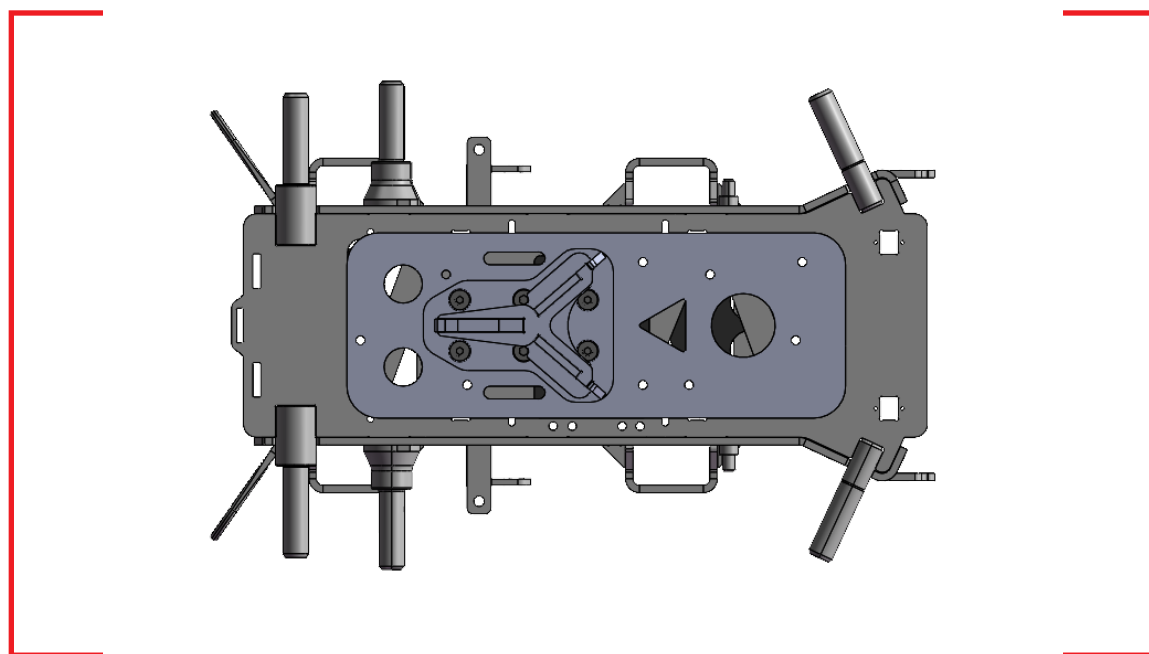
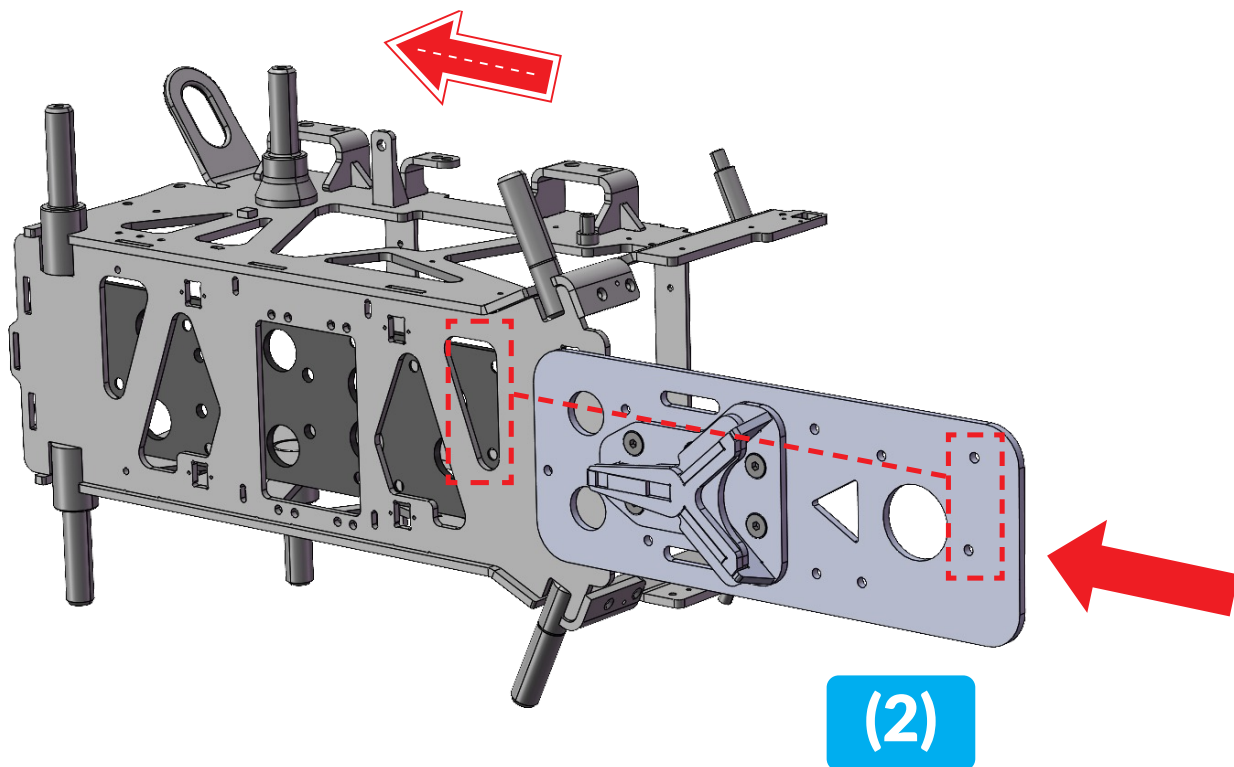


3

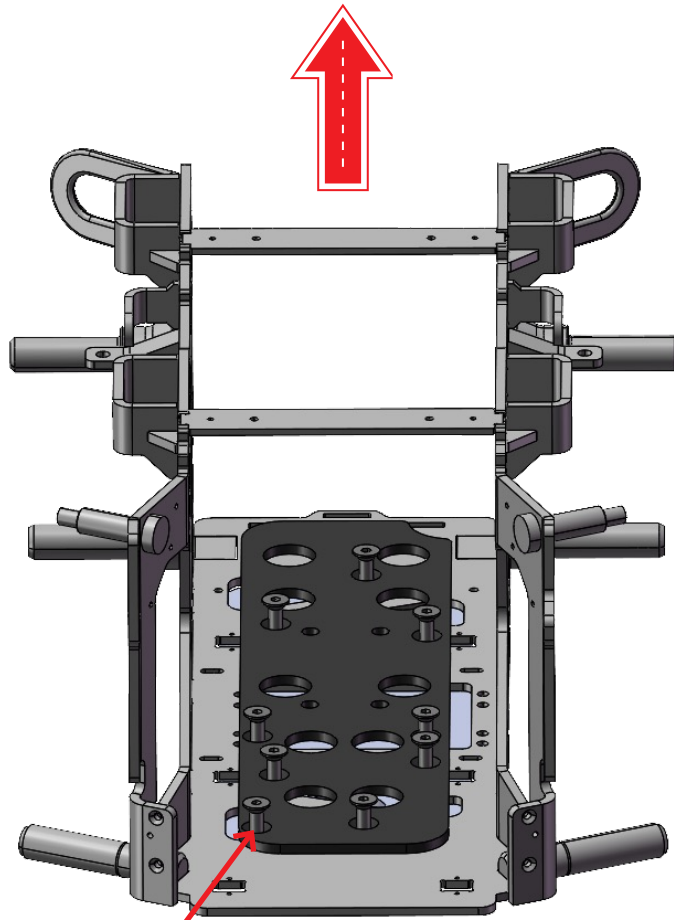


4

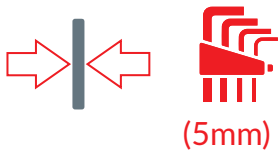
(3)



5



9 x QE9-8140





**Right the chair and reassemble wheelchair batteries as per manufacturers instructions.**

Redressez le fauteuil et remontez les batteries conformément aux instructions du fabricant.

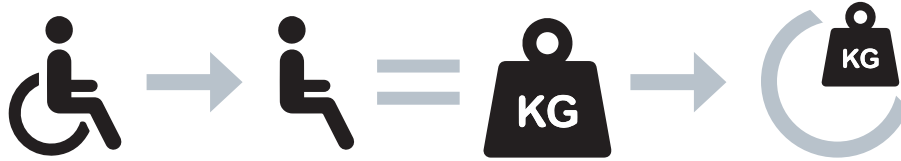
Enderece la silla y vuelva a montar las baterías de la silla de ruedas siguiendo las instrucciones del fabricante.

Stellen Sie den Rollstuhl wieder auf und setzen Sie die Batterien gemäß den Herstelleranweisungen wieder ein.

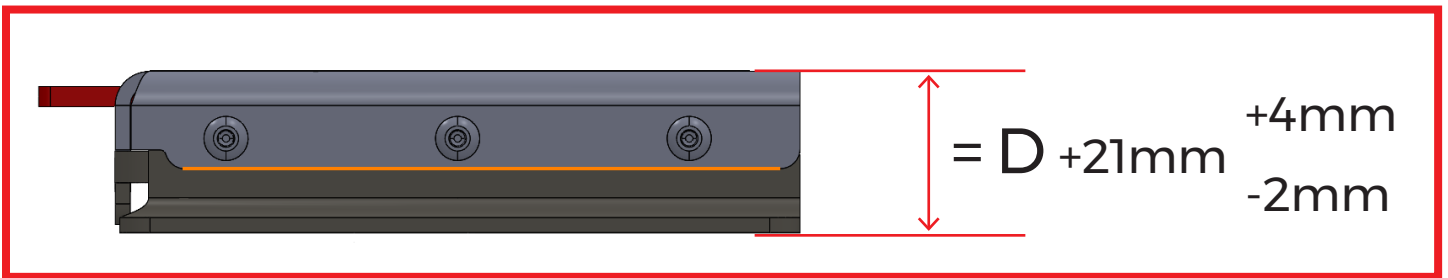
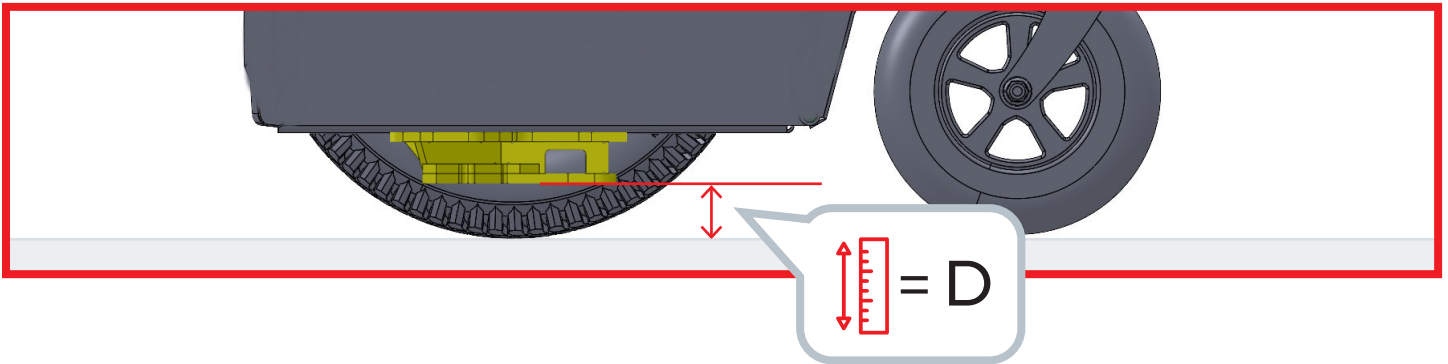
# QLK ALIGNMENT

QLK Alignment QLK Alineación QLK Ausrichtung

1



2



## Q'STRAIT®

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