INSTRUCTION SHEET

MAINTENANCE AND INSTALLATION OF WC19 ANCHORS ON HELIO C2 WHEELCHAIRS

- **Modifications to wheelchairs that are likely to affect compliance relative to WC19 include but are not limited to: moving the securement-point brackets, lowering the back-support height, shortening the seat length, adding secondary postural supports that are not firmly attached to the wheelchair, adding components that have sharp edges (i.e, edges with less than 2 mm radius), or any change that compromises the structural integrity of the wheelchair frame.**
- **All maintenance and installation related to WC19 anchors must be done according to this instruction and done by a technician.**
- **It is MANDATORY to verify the serial number of the wheelchair for any modification and/or repair request for the backrest, the front wheel caster housings and the wheelchair frame made by the customer.**
- **It is necessary to check the condition of the hardware to ensure that there are no signs of wear or damage; if any are found, new hardware must be used. If the hardware is reused, blue threadlocker fluid must be applied.**
- **The wheelchair should be inspected by Motion Composites before reuse following involvement in any type of vehicule collision.**
- **It is not possible, for the technicians, to add a positioning belt to the WC19 anchors if it was not present when the wheelchair was assembled at the factory.**

Material(s) required:	Tool(s) required:
• S000013-00-WC19 KIT - CARBON FRAME, SHORT BELT • S000013-01-WC19 KIT - CARBON FRAME, LONG BELT • S000013-02-WC19 KIT - CARBON FRAME, WITHOUT BELT	• 4 mm Allen key • 7 Nm adjusted torque wrench • **Blue** threadlocker

A. Maintenance and installation of front anchors p.3
B. Maintenance and installation of back anchors with belt..... p.4
C. Maintenance and installation of back anchors without belt..... p.5

INSTRUCTION SHEET

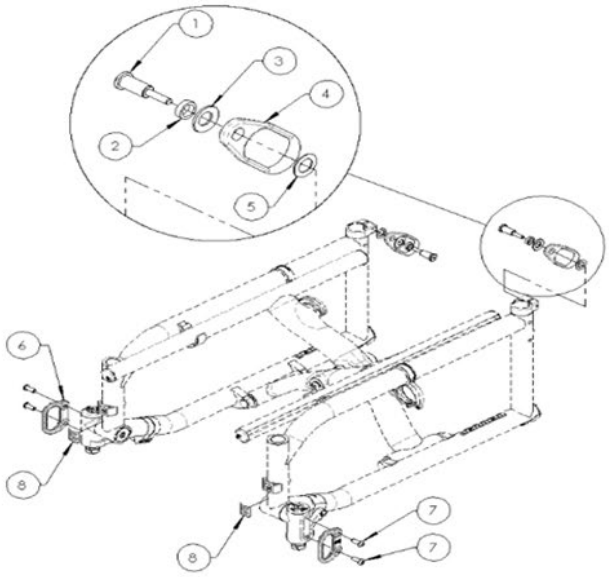
MAINTENANCE AND INSTALLATION OF WC19 ANCHORS ON HELIO C2 WHEELCHAIRS

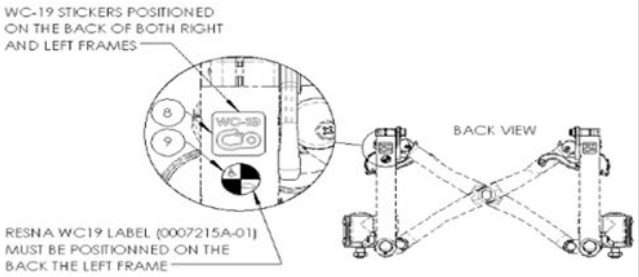
0060419B-01
WC-19 KIT - ALU FRAME, WITHOUT BELT

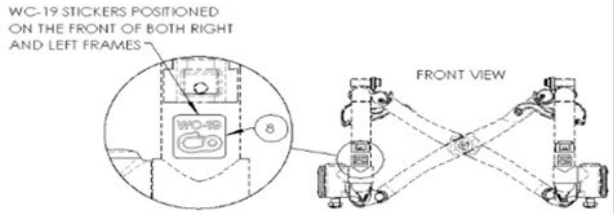
!!! WC-19 INCOMPATIBLE WITH HD OPTION (265 LBS MAX)!!!

NOTE: PLEASE CONTACT OUR CUSTOMER SERVICE BEFORE ORDERING A WC-19 KIT FOR AFTER MARKET USE. COMPONENTS MUST BE INSTALLED BY MOTION COMPOSITES TO BE WC-19 CERTIFIED.

ITEM NO	PART NO	DESCRIPTION	QTY
1	0051150C-00	WC-19 SCREW	2
2	0091056A-00	SPACER M10x14mm ODX4mm L	2
3	0051151A-00	WC-19 SPRING WASHER	2
4	0051149A-00	WC-19 TIE DOWN	2
5	0051152A-00	WC-19 PLASTIC WASHER	2
6	0022004C-00	TIE DOWN	2
7	0090659A-00	BUTTON CAP SCREW M6x1x16mm L	4
8	0070375A-00	WARNING STICKERS - WC-19	4
9	0007215A-01	RESNA WC19 LABEL	1



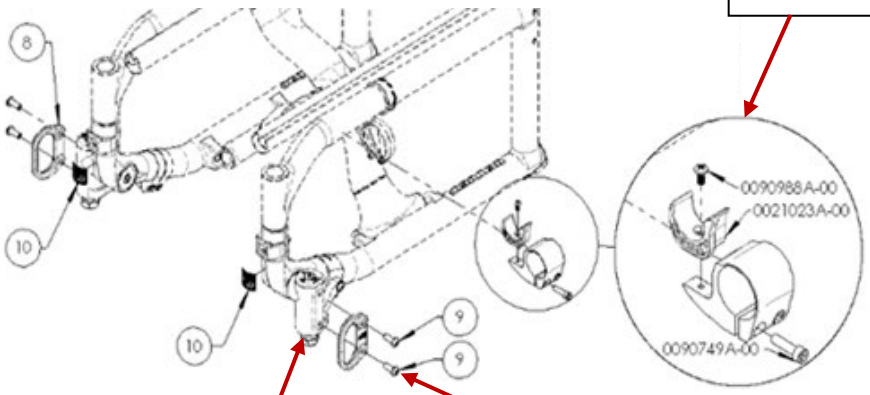




MAKE SURE TO HAVE YOUR SERIAL NUMBER NEARBY WHEN ORDERING PARTS FOR YOUR MOTION COMPOSITES WHEELCHAIR

A. MAINTENANCE AND INSTALLATION OF FRONT ANCHORS HELIO C2

FRONT ANCHORS MAINTENANCE



3. Change the front clamp H-Block seat support.

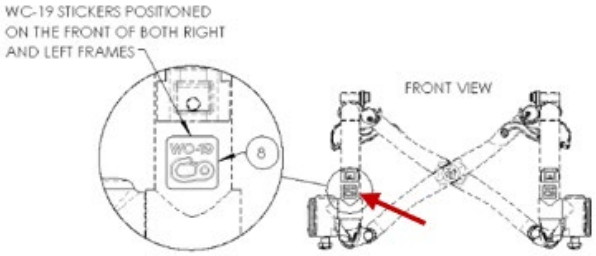
The standard H-Blocks that are usually installed on the front of the frame will be replaced by reinforced H-Blocks with a WC19 kit. Torque reinforced H-Blocks to 7 Nm.

1. Remove the 2 screws that are already on the caster housing using the 4 mm Allen key.

2. Do the following assembly.

- Put 1 drop of thread locker on the tip of the screw.
- Proceed with the installation on the caster housing with the anchor towards the front of the wheelchair.
- Finalize the installation with the torque wrench adjusted to **7 Nm**.

4. Be sure that the conformity sticker on the front of the wheelchair frame near the caster housing is present and at the right place. Add it as needed.



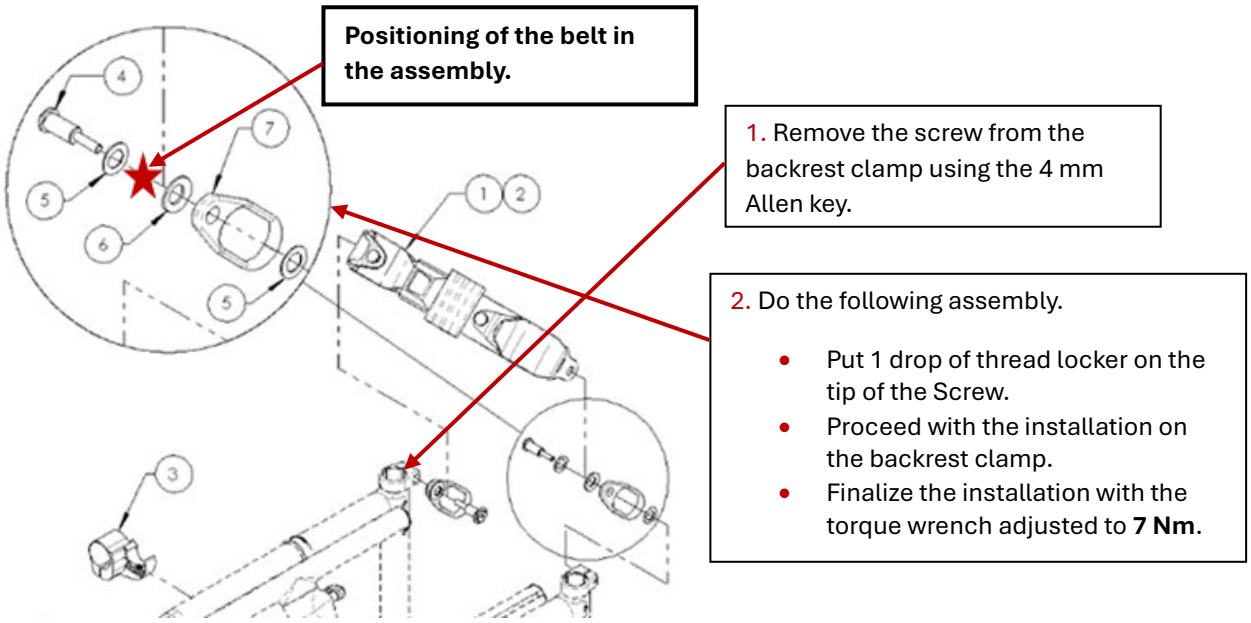
5. Repeat steps 1 to 4 on the other side.

FRONT ANCHORS INSTALLATION

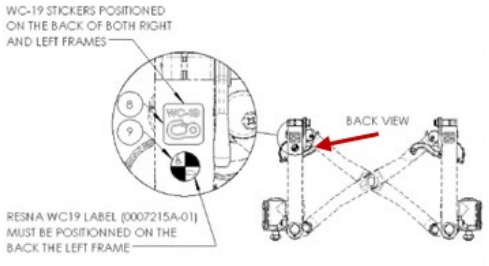
1. Start the installation from step #2 of the previous section.

B. MAINTENANCE AND INSTALLATION OF BACK ANCHORS WITH BELT

BACK ANCHORS MAINTENANCE



3. Be sure that the conformity sticker behind the wheelchair at the top of the frame + the certification sticker are present and at the right place. Add them as needed.



4. Repeat steps 1 to 3 on the other side.

BACK ANCHORS INSTALLATION

1. Start the installation from step #2 of the previous section.

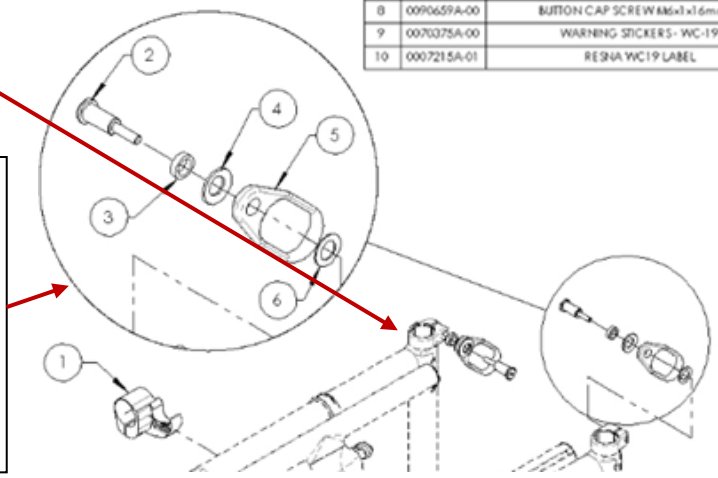
C. MAINTENANCE AND INSTALLATION OF BACK ANCHORS WITHOUT BELT

BACK ANCHORS MAINTENANCE

ITEM NO.	PARTNO	DESCRIPTION	QTY
1	0011505A-00	WC-19 CLAMP H-BLOCK SEAT SUPPORT - ASSEMBLY	2
2	0051150C-00	WC-19 SCREW	2
3	0091056A-00	SPACER M10xI 4mm ODX4mm L	2
4	0051151A-00	WC-19 SPRING WASHER	2
5	0051149A-00	WC-19 TIE DOWN	2
6	0051152A-00	WC-19 PLASTIC WASHER	2
7	0022004C-00	TIE DOWN	2
8	0090659A-00	BUTTON CAP SCREW M6x1x16mm L	4
9	0070375A-00	WARNING STICKERS - WC-19	4
10	0007215A-01	RESINA WC19 LABEL	1

1. Remove the screw from the backrest clamp using the 4 mm Allen key.

2. Do the following assembly.
   - Put 1 drop of thread locker on the tip of the Screw.
   - Proceed with the installation on the backrest clamp.
   - Finalize the installation with the torque wrench adjusted to **7 Nm**.



3. Install certification and conformity stickers in the same manner as the belt assembly.

BACK ANCHORS INSTALLATION

1. Start the installation from step #2 of the previous section.