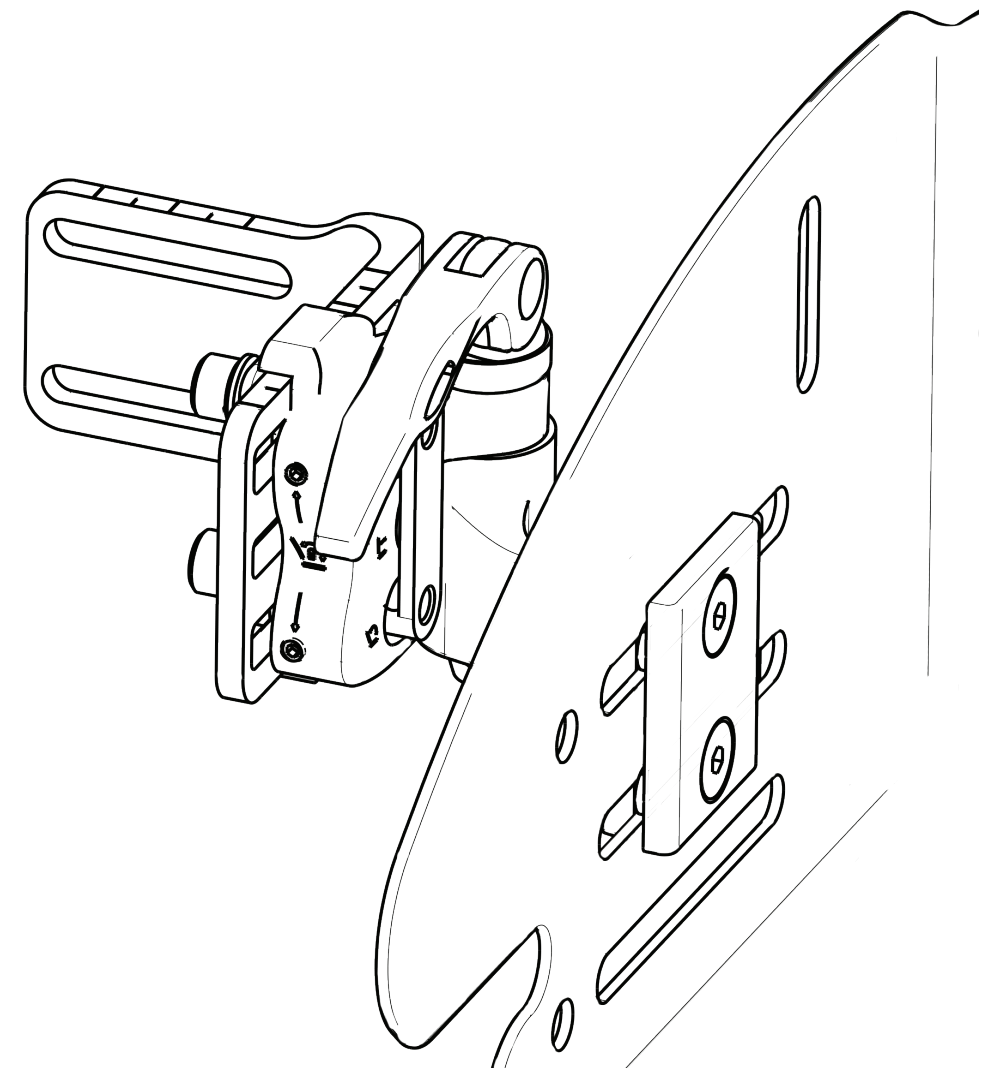# COMPASS HARDWARE ADAPTATION FOR PILOT CHAIRS

Attaching Compass® 4 Hardware (Quick Release)
to TiLite Pilot Pediatric Wheelchairs

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IS-COMPASS4PILOT
REV0618

COMPASS HARDWARE PILOT ADAPTATION

FIGURE 2

PARTS INCLUDED

2 - Double Nuts (F)
2 - Slide Lock Brackets (H)
4 - M6x1 - 30 Angle Adjustment Screws (L)
4 - M6 Safety Lock Washers (M)
4 - M6 Flat Washers (N)
4 - M6x1 - 14mm Screws (O)
2 - Socket Mount Plates (P)
2 - Socket Mounts (R)
1 - 4mm Hex Key

PARTS REQUIRED FROM COMPASS HARDWARE KIT

1 - 5mm Hex Key

PLEASE REFER TO IMAGES TO THE RIGHT DURING HARDWARE INSTALLATION

FIGURE 1

1   Lift Release Toggle on part **(A)** and remove original cane clamp. Discard Cane Clamp as shown in **Figure 1**.

2   Using **Figure 2** as reference, loosen three screws **(B** and **C)** using 5mm Hex Key. Remove and discard Angle Adjustment Screws **(B)** and Washers **(D)**.

3   Remove and save Depth Adjustment Screw **(C)**, Washer **(E)**, and Nut **(K)** using 5mm Hex Key.

4   Remove and discard original Slide Lock Bracket **(G)**. Replace with new Slide Lock Bracket **(H)**.

5   Flip Depth Adjustment Screw **(C)** and Washer **(E)**, and secure with Nut **(K)** using 5mm Hex Key in orientation shown in **Figure 3**.

6   Install new M6x1-30 Angle Adjustment Screws **(L)**, M6 Safety Lock Washers **(M)**, M6 Flat Washers **(N)**, and Double Nut **(F)** using 5mm Hex Key as shown in **Figure 3**. New configuration from inside of Bracket **(I)** to outside should be as follows: M6x1-30 Angle Adjustment Screws **(L)**, M6 Safety Lock Washers **(M)**, M6 Flat Washers **(N)**, Depth Adjustment Screw **(C)**, Washer **(E)**, Triple Washer **(J)**, Bracket **(I)**, Slide Lock Bracket **(H)**, Nut **(K)**, part **(A)**, Double Nut **(F)**.

7   Repeat for other set of hardware.

8   Choose desired height on side panels of pilot chair using slots provided **(Q)** in **Figure 4**. Install Socket Mount Plate **(R)** to inside of panel using provided M6x1-14mm screws **(O)**, Socket Mount Plate **(P)**, and 4mm Hex Key as shown in **Figure 4**.

9   Repeat on both sides.

10   Attach Back Support to chair by inserting the Compass Pins into the Socket Mounts **(R)**. Once pins are fully seated, close release toggles **(A)**.

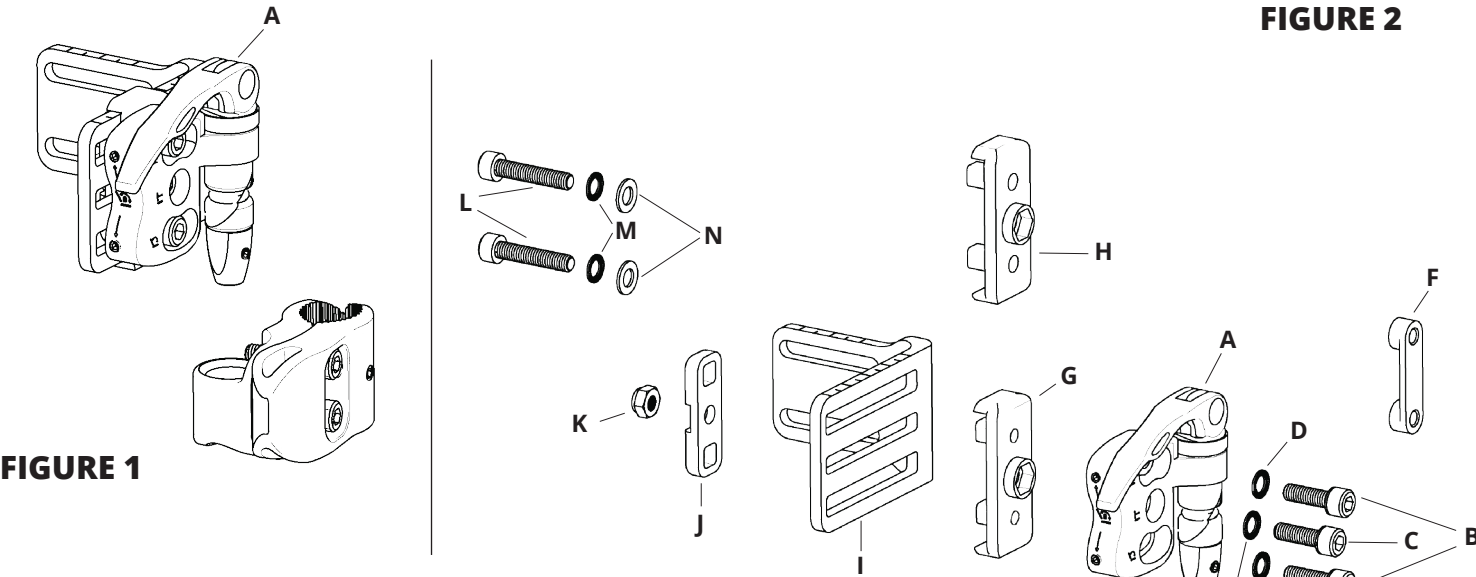11   Refer to Back Support instructions for Compass Hardware Adjustments.
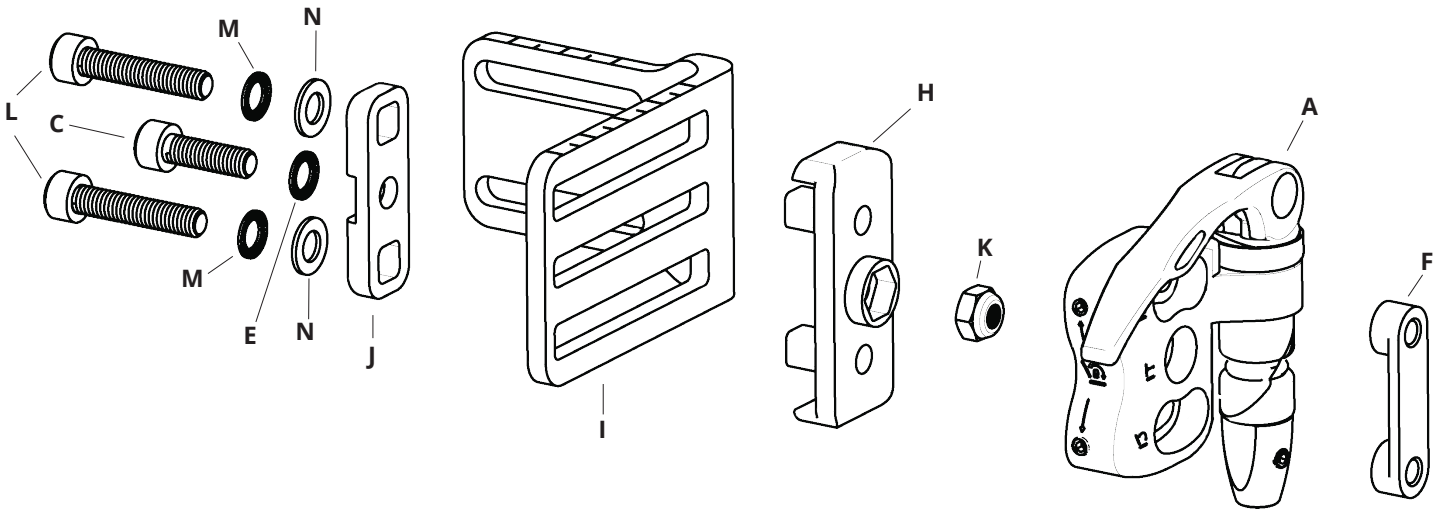
FIGURE 3

FIGURE 4

Seat Side   Wheel Side