

# Allied Medical Set-Up Guide

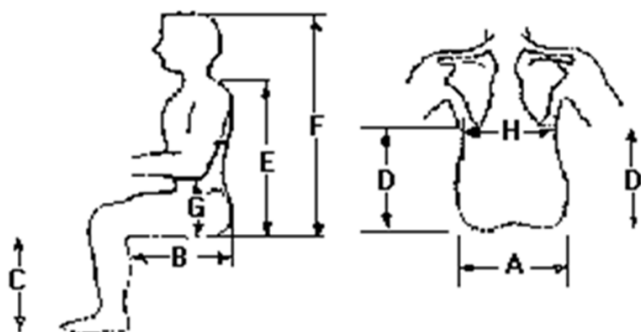


## Varilite Icon Mid Back

Tools required:

- Tape measure
- 1x 4mm Allen key
- Paper & pen
- Script or brochure.
- Instruction manual

### 1. Required measurements for set up



Letter	Body Part	Required (Y/N)
A	Hip	N
B	Thigh (Right)	N
B	Thigh (Left)	N
C	Right Leg	N
C	Left Leg	N
D	Right back height (below scapula)	Y
D	Left back height (below scapula)	Y
E	Shoulder to seat	Y
F	Top of head to seat	N
G	Right elbow to seat	N
G	Left elbow to seat	N
H	Back width (below scapula)	N

The required measurement is best taken, while the client is in a seated position, from the base of the seat to the bottom of the scapular or top of the shoulders to allow for maximum support.

For maximum support, the back height may fall in between these two measurements. The Icon Mid Back can sometimes be used in place of a tall back on an individual that has a body configuration preventing the back support from being mounted in a lower position.



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## 2. Available adjustments and options

### Terminology

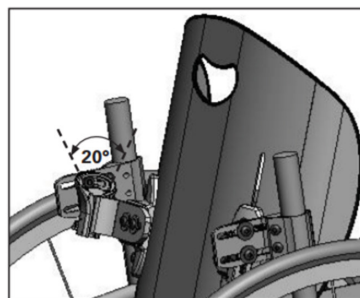
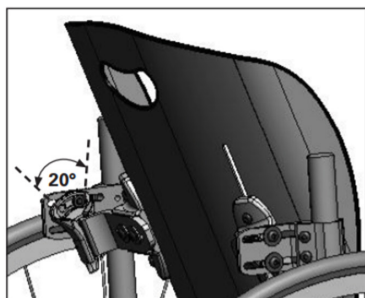


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## Angle Adjustments

Up to 20 degrees posterior or up to 20 degrees anterior.

- Adjustments are made by loosening the bolts on the side of the cane bracket that hold the slide bracket housing.
- Once loosened you can adjust the back to the desired angle.



## Depth Adjustments

There are plenty of options and configurations to achieve a variety of different seat depths by changing the position of the cane bracket or slide bracket (see image below). 2 inches of depth adjustment is also available through the slide bracket housing on the cane bracket.

### Basic Installation



#### CONFIGURATION

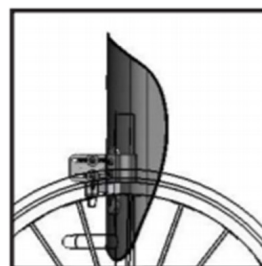
**Cane Bracket:** Posterior

**Slide Bracket:** Anterior

#### Trunk Support Surface Range:

2.4 in. posterior of the canes to 0.9 in. posterior of the canes

Measured from front of canes to center of the shell.  
Cushion thickness ranges from 1.25 in. to 2.75 in. depending on cushion inflation.



### Extra Depth Installation



#### CONFIGURATION

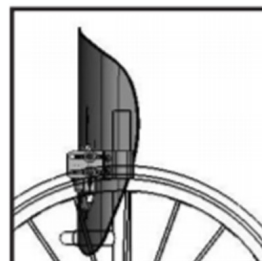
**Cane Bracket:** Posterior

**Slide Bracket:** Posterior

#### Trunk Support Surface Range:

3.9 in. posterior of the canes to 2.4 in. posterior of the canes

Measured from front of canes to center of the shell.  
Cushion thickness ranges from 1.25 in. to 2.75 in. depending on cushion inflation.



### Growth Installation



#### CONFIGURATION

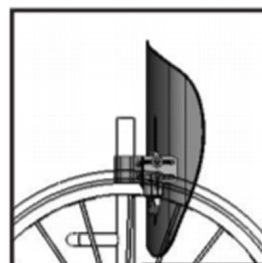
**Cane Bracket:** Anterior

**Slide Bracket:** Posterior

#### Trunk Support Surface Range:

0.3 in. anterior of the canes to 1.8 in. anterior of the canes

Measured from front of canes to center of the shell.  
Cushion thickness ranges from 1.25 in. to 2.75 in. depending on cushion inflation.



### Extra Growth Installation



#### CONFIGURATION

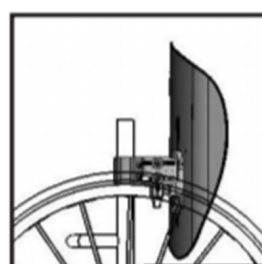
**Cane Bracket:** Anterior

**Slide Bracket:** Anterior

#### Trunk Support Surface Range:

1.8 in. anterior of the canes to 3.3 in. anterior of the canes

Measured from front of canes to center of the shell.  
Cushion thickness ranges from 1.25 in. to 2.75 in. depending on cushion inflation.



## Height Adjustments

The seatback can be adjusted up and down on the sliding shell brackets or through the cane brackets.

- Cane brackets can be mounted in various positions depending on the canes on the chair, and how much space is available for mounting. After setting these in the appropriate position the back height can then be adjusted further by loosening the screws on the sliding bracket to achieve the desired height.



## Adjustable Air Foam Cushion

- Adjustable toggle on the bottom left hand corner of the back (when facing the front).
- Sit the user in the chair and allow them to sit back into the back, once in position turn the air valve to close off the cushion.
- Once a week, allow the back to fully inflate overnight with all valves open.

## Accessories

- PSIS Block – Corrects posterior pelvic tilt by supporting the sacrum at the PSIS.
- Supplemental Lateral Supports - Provides additional support where desired when placed inside the Icon Back shell.
- Cane shims – each back comes standard with two sizes of shims, to be used with back canes less than 1" in diameter. A 1/8" shim is to be used with a 7/8" cane and 1/4" shim is to be used with a 3/4" cane.
- Mounting spacer block for headrest

### 3. Tips & Tricks

#### Easy Set-up

- Mount the brackets first.
- When mounting the brackets, ensure that the hardware is mounted parallel to the seat rails. This will make it much easier when you are removing and inserting the seat back.
- Then attach back to the brackets and make height adjustments through the sliding shell brackets.

\*When making adjustments only loosen the adjustment screws by  $\frac{3}{4}$  of a turn.

#### Trouble Shooting

If the back system is "sticking" or "binding". Allow slide brackets to "self centre".

- Loosen off the slide bracket screws on both sides.
- Allow brackets to move so that there is room in the holsters.
- Retighten slide brackets.

#### Check cane brackets

- Make sure they are installed at same height on canes.
- The flag portions should be parallel.

#### Check angle adjustment

- Holsters to make sure the angle is same on each side.
- To correct:
  - Loosen top adjustment screw  $\frac{3}{4}$  turn
  - Press backrest backwards
  - Tighten screw while holding backrest backward
  - Repeat slide bracket self centering

### 3. Checklist

What to check	Done
Brackets are mounted parallel to the seat rails on both sides	
Mounting brackets are mounted at the same height	
Back height has been set to the top of the users shoulders	
Check that seatback can be removed and inserted without sticking or binding	
Ensure all adjustment screws have been tightened at the end of the setup	



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