



FlexLoc® Custom Configurations for Increased Reach

► **Ride Designs®**
a branch of Aspen Seating, LLC
8100 SouthPark Way, C400
Littleton, Colorado 80120 USA
toll-free: 866.781.1633
phone: 303.781.1633
www.ridedesigns.com

FlexLoc® hardware sizes were created to allow the greatest amount of fore and aft reach without any interference to the rotational position of the Ride™ Custom Back as it passes through its range of adjustment. The range of adjustment of the standard configurations is highlighted in bold type in the attached chart. If greater reach is needed, the attached chart will guide you to the correct FlexLoc-adjustment arm match.

NOTE: Ride Designs recommends use of longer adjustment arms only if needed. Increasing the reach of the FlexLoc hardware through use of longer adjustment arms results in loss of range adjustment at and around neutral, i.e. inline with back canes, and a small degree fore and aft of neutral.

Directions

Situation 1:

You are unable to achieve the reach needed with an existing system.

1. Make sure you have fully extended the reach by loosening the width adjustment screws and pivot adjustment screws and extend the range as far as possible.
2. Make sure the universal clamps are rotated around the canes such that the receiver blocks are on the same side of the canes as you wish to extend the reach.
3. Establish if the wheelchair has depth adjustability, and make adjustments accordingly.
4. Establish if the wheelchair has back angle adjustability that can be used to effectively increase or decrease the reach of the FlexLoc, and make adjustments accordingly. The FlexLoc back angle adjustability can be used to compensate for the change in seat-to-back angle on the wheelchair.
5. If the FlexLoc still falls short of the reach needed, use the chart below to determine the adjustment arm length needed relative to the FlexLoc size being used and the wheelchair width.

NOTE: Exchange of adjustment arms is covered under the 90 day guaranteed fit of the Ride Custom Back.

Situation 2:

You are confident that the wheelchair depth, client dimensions and expected Ride Custom Back position require a FlexLoc configuration with greater reach.

1. Establish if the wheelchair has depth adjustability, and make adjustments accordingly.
2. Establish if the wheelchair has back angle adjustability that can be used to effectively increase or decrease the reach of the FlexLoc, and make adjustments accordingly. The FlexLoc back angle adjustability can be used to compensate for the change in seat-to-back angle on the wheelchair.
3. If you remain confident that the FlexLoc still falls short of the reach needed, use the chart below to determine the adjustment arm length needed relative to the FlexLoc size being ordered and the wheelchair width. Write the selected combination in the special notes on the Ride Custom Back order form.

NOTE: Exchange of adjustment arms is covered under the 90 day guaranteed fit of the Ride Custom Back.



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FlexLoc® Maximum Offset Chart

Chair Width	Small Standard Part # FL-MS	Small with Medium/Large Arms Part # FL-MS-L	Small with X-Large Arms Part # FL-MS-X	Medium Standard Part # FL-MM	Medium with X-Large Arms Part # FL-MM-X	Large Standard Part # FL-ML	Large with X-Large Arms Part # FL-MX	X-Large Standard Part # FL-MX
10"	4.38"	5.63"	7.00"					
11"	4.13"	5.50"	6.88"					
12"	3.63"	5.25"	6.63"					
13"	2.88"	5.50"	6.50"					
14"		4.50"	6.13"	5.38"	6.75"			
15"		3.63"	5.75"	5.00"	6.50"			
16"			5.13"	4.63"	6.25"			
17"			4.50"	4.00"	5.38"			
18"			3.13"		4.75"	5.38"	6.75"	
19"					3.75"	5.00"	6.50"	
20"						4.63"	6.25"	
21"						4.00"	5.63"	
22"							5.38"	5.38"
23"							4.75"	4.75"
24"							3.75"	3.75"

