TiLite manual wheelchairs

Creative Mobility Division



How to order

Catalog

- 1. Identify CMDs you wish to order and fill out. Please confirm compatibility with the chair you're ordering.
- 2. Fill out the catalog page corresponding to that CMD with the required information for us to complete your request.
 - EZ-Ti ID, PO#, or Quote# if available.
 - Measurements, selections, and special instructions if necessary.
- 3. Email the filled out page(s) to chairs.tilite@permobil.com and include Order Form if applicable.

Order Forms

- 1. Identify CMDs you wish to order and fill out. Please confirm compatibility with the chair you're ordering.
- 2. In the "Notes" section on the last page of the order form, include the following information:
 - · CMD number(s) being requested.
 - Measurements, selections, and special instructions if necessary.
- 3. Submit Order Form via email (chairs.tilite@permobil.com) or fax (509) 586-2413.

EZ-Ti

- 1. Identify CMDs you wish to order and fill out. Please confirm compatibility with the chair you're ordering.
- 2. In the "CMD" section on the Summary page of EZ-Ti, include the following information:
 - CMD number(s) being requested.
 - · Measurements, selections, and special instructions if necessary.
- 3. Submit quote request via EZ-Ti.

Please note, custom requests may impact quote turnaround time and chair build time. Pricing for these custom options may vary based on the amount of added labor and material costs.

Creative Mobility Division

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Armrest options

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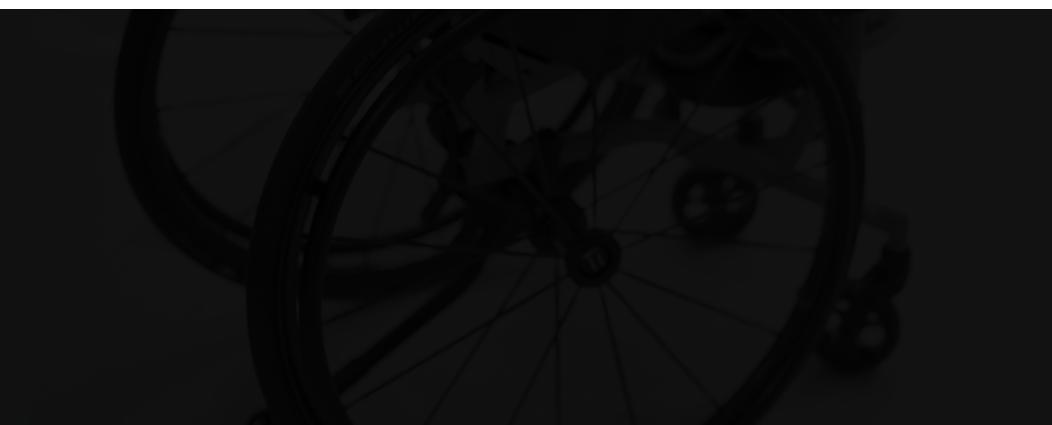
Miscellaneous options





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Aesthetic Options



Unique frame/component finish including color, hydrographic and one-off tattoo design CMD #36



EZ-Ti ID	
PO#	

Clinical rationale

This modification is required for individuals who are requiring or requesting a personalized, unique frame color for their manual wheelchair.

Available on:

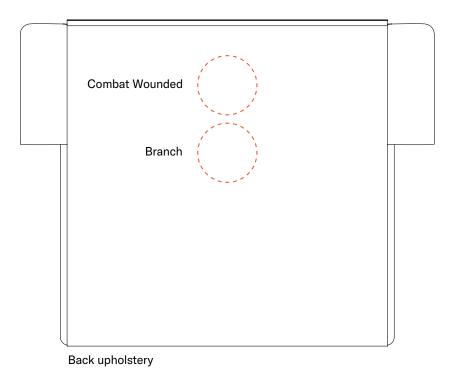
TiLite TR, TiLite TRA, TiLite Aero T, TiLite TX1, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite 2GX, TiLite Aero X

Notes:

- Transparent film requests will require a base color call out from the customer.
- Colors are general callouts, specific color matching can be done with additional charge.
- May not work with all chair configurations.
- Note that hydrographic film pattern will stretch to varying degrees and the finish is subject to having small flaws throughout.



Armed forces patch(es) CMD #74



EZ-Ti ID
Clinical rationale Feature offered to US VA service personnel, in honor of their service, in recognition of their sacrifice.
Available on: TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST.
 Notes: Armed forces patches will be centered on back upholstery. Branch logo patch will be underneath Combat Wounded patch if applicable.
Required information (Insert required information for CMD-E to complete this request)
Branch:
Combat Wounded: ☐ Yes OR ☐ No

Full polished frame CMD #87



EZ-Ti ID			
PO#			

Clinical rationale

Modification provides a polished appearance to titanium frame, to remove risk of paint wear/tear scratches occurring during daily routines. Provides easy buffing option during care/maintenance routine.

Available on:

Titanium frames only

Notes:

- If a Rigid wheelchair is ordered with a Titanium Footrest and Titanium Backrest, these items will be polished as well.
- If a TX1 or 2GX or Rigid 2GX, the hangers will be polished as well as the main frames as applicable.

Raw finished titanium frame CMD #92



EZ-Ti ID	
DO#	

Clinical rationale

Modification requested by consumers who are at higher risk of wear/tear frame scratches related to ADL or MRADL routines either due to frame contact in narrow environments, or during vehicle wheelchair loading/unloading routine.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA

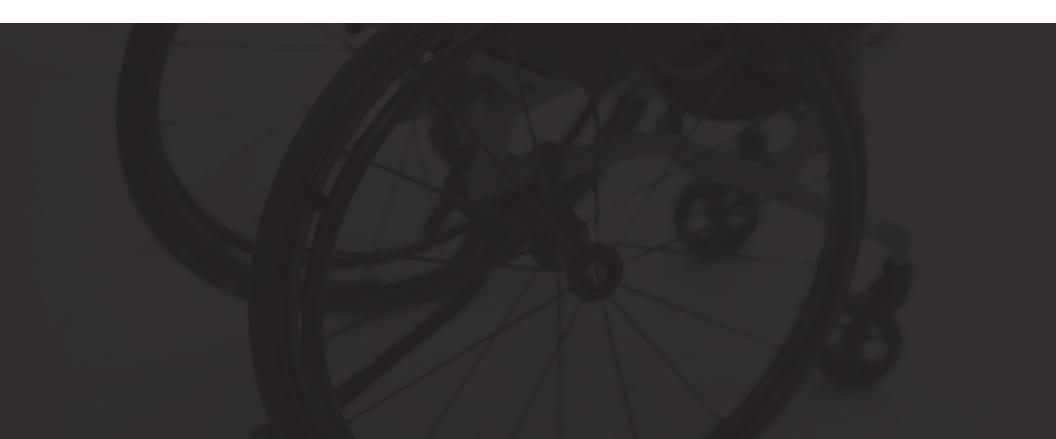
Notes:

- Only available on Titanium frames.
- Titanium frame components will be left with surface anomalies, scuffs, weld halos and other inconsistencies that occur during the manufacturing process.

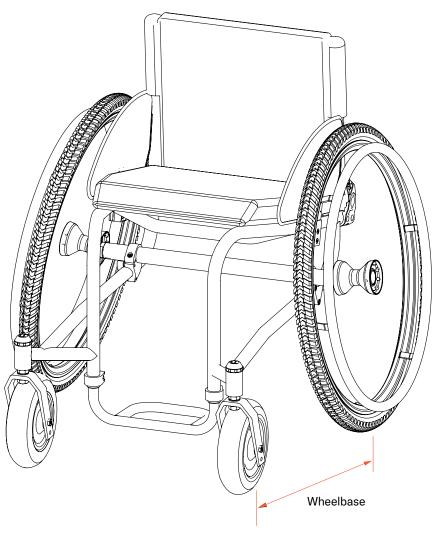


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Frame modification options



All-terrain TiLite TR CMD #3



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for safe and independent access to rural environment. All-terrain TR frame required to provide safe and consistent access to environment; typical TR set up would decrease access and independence.

Available on: TiLite TR

Notes:

- Use current TR order form and if desired, the TiFit Worksheet to denote specific frame dimensions.
- A signed CAD is required.
- Front angles greater than 90° are possible. May incur further charge. May not work with all chair configurations.
- Color and packages are not available on this adaptation.
- Defaults (unless otherwise noted):

Forward mounted 8" x 2" caster wheels.

Rear tires will be 507, 540 or 559 knobby rear tires.

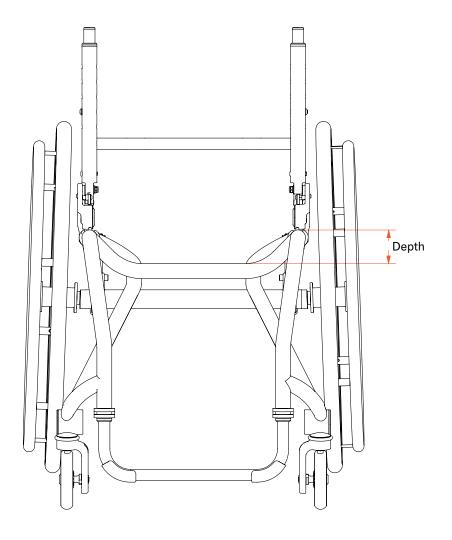
Required information

(Insert required information for CMD-E to complete this request)

Wheelbase desired:	
Caster-stem width desired:	



Unique under seat tube depth CMD #5



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for individuals who present with need to attach specific bags or medical supply carriers. This modification may also be indicated to assist with transferring chair into the car.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- Seat pan required for cross tubes with depths of 1" or less.
- May not work with all chair configurations.

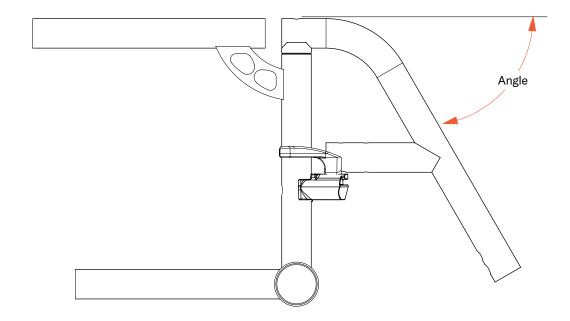
Required information

(Insert required information for CMD-E to complete this request)

Depth	:



60° Hanger front angle CMD #6



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for clients who present with lower extremity positioning and limited range of motion that cannot be accommodated with available front angle options offered on the order form.

Available on:

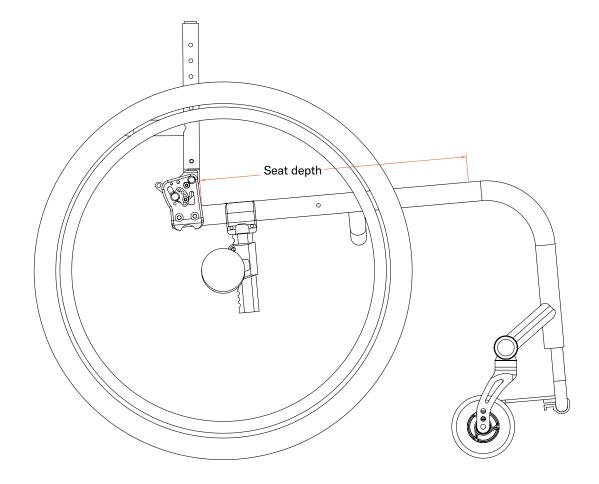
TiLite Aero X, TiLite 2GX

Notes:

- This option is only available on Swing-away front / Nonheavy duty folding chairs.
- Tapered hangers are not available.
- May not work with all configurations.



1/2" Increment seat depth (Rigid Models) CMD #10



EZ-Ti ID	
DO#	

Clinical rationale

Modification for individuals who require a precise seat length measurement to accommodate upper leg length and lower extremity positioning.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available on rigid frames.
- Max seat depth is 21.5".
- · May not work with all chair configurations.

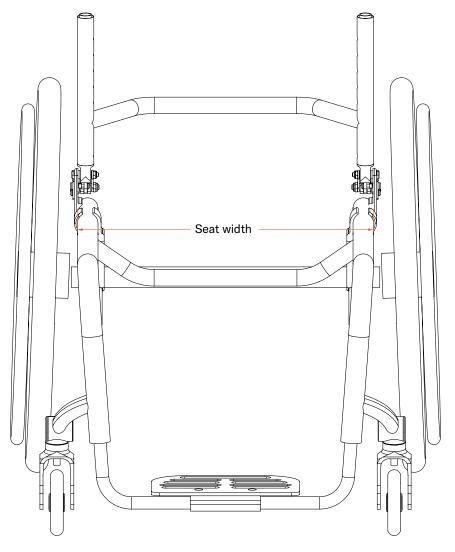
Required information

(Insert required information for CMD-E to complete this request)

Please round desired seat depth to the nearest 1/2".

Seat o	lenth:	

1/2" Increment seat width (Rigid Models) CMD #11



EZ-Ti ID	
DO#	

Clinical rationale

Modification for individuals who require a precise seat width measurement to accommodate pelvic width, posture and positioning.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- · Only available for rigid frames.
- Seat width of 14.5" or greater.
- 21.5" max seat width under this CMD.
- Seat widths greater than 20" must have two cross tubes.
- May not work with all chair configurations.

Required information

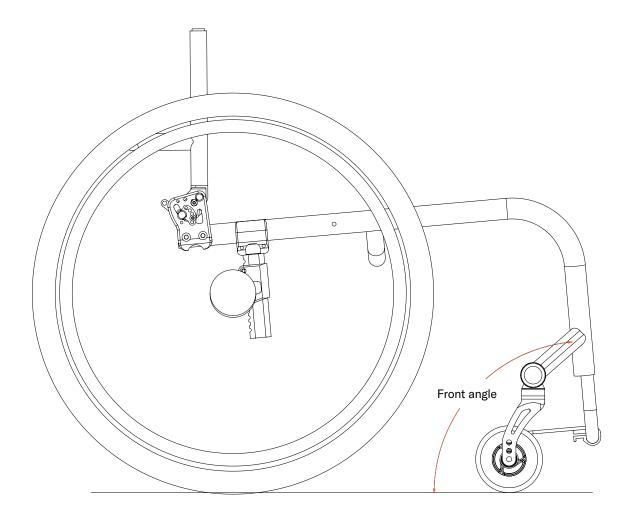
(Insert required information for CMD-E to complete this request)

Round this seat width to the nearest 1/2" increment.

Seat width:	
oear widin.	



Adapted front angle CMD #14



EZ-Ti ID	
DO#	

Clinical rationale

This modification is indicated for clients who require a specific front angle to ensure proper lower extremity positioning and balance of the wheelchair.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite TX

Notes:

- Angles close to or more than 90° may cause interference with some caster options.
- TiLite CMD-E group will need to confirm caster-swivel clearance.
- None of these chair models can have a front angle that exceeds 120° to the seat tube.
- · May not work with all chair configurations.

For Z-chairs:

 Angles more than 90° or less than 60° is considered a CMD 014.

For T-series (including the TX1):

 Angles more than 90° are not possible. Less than 60° will be considered CMD 14.

Required information

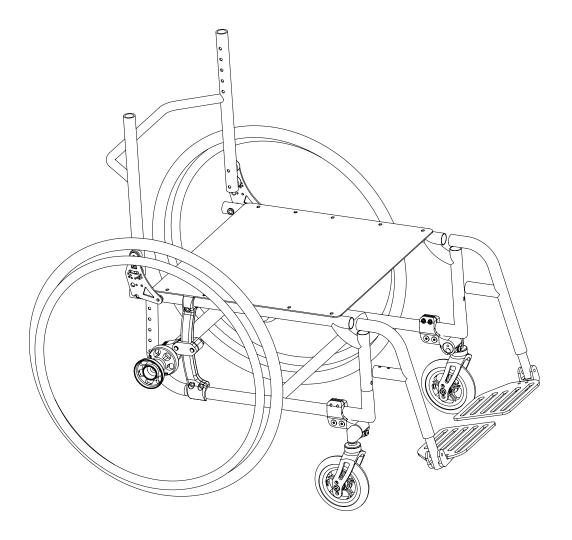
(Insert required information for CMD-E to complete this request)

Please round the angle request to nearest whole degree.

Angle	to	floor:			



Rigid 2GX CMD #37



EZ-Ti ID	

PO#

Clinical rationale

This modification is indicated for individuals who require the rigidity of a rigid frame but also require swing-away leg rests.

Available on:

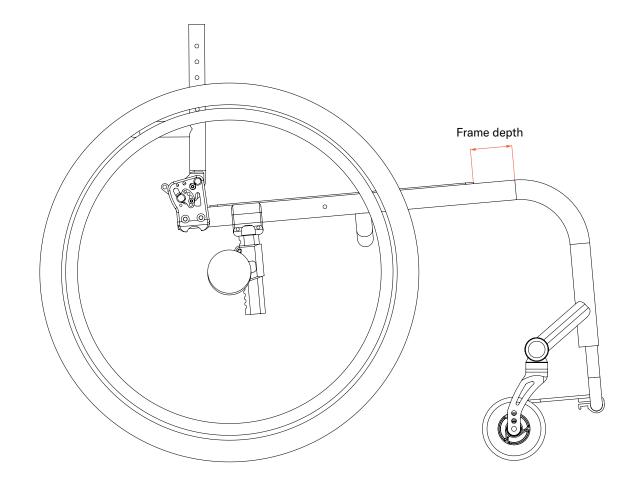
TiLite 2GX

Notes:

- · Only available with swing-away front.
- No Tie-downs are approved for this chair.
- There is not a hemi-height version of this wheelchair.



Frame depths: negative, extra long and 1/4" adapted CMD #54



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who require a unique and specific frame depth to accommodate for lower extremity positioning and to ensure proper wheelchair balance.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- Negative frame lengths may require tension adjustable by strap upholstery OR the seat rails may be made from steel.
 OR a seat pan may be used.
- All negative Frame Depths.
- · All 0.25" frame requests.
- All frame lengths 3" or more than the seat depth.
- Maximum frame length = 23".

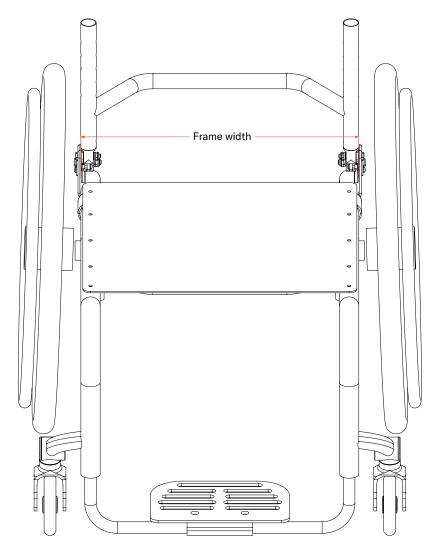
Required information

(Insert required information for CMD-E to complete this request)

Modifie	frame-depth in relation to the seat-sling depth (please
indicate	· + or -) :	



Adapted frame with depth and/or width at 21-22" CMD #56



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals whose anatomical length and/or width measurements are greater than 20 inches requiring a longer and/or wider wheelchair frame to accommodate the individuals' shape and size.

Available on:

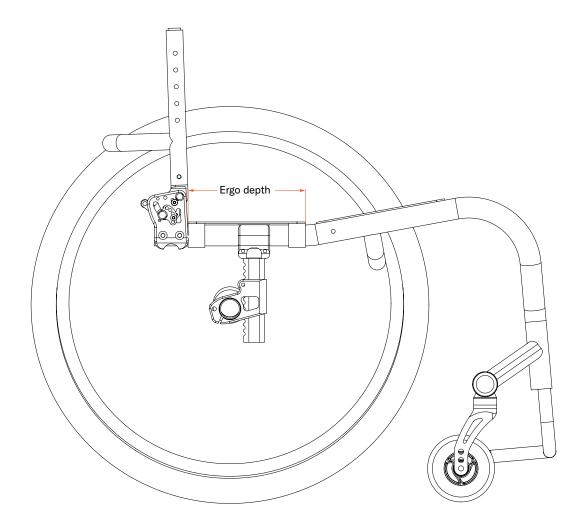
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available on Rigid Frames.
- May not work on all configurations.
- This does not increase the weight limit from the standard HD model chairs.
- 21" and 22" rigid chairs require a second under seat tube for rigidity.
- Rounded rigidizer bars are not available on the Ti backrests of these chairs.
- If ordered as a parts order, ensure the footrest and backrest will fit the new, wider frame.



Unique ergo-seat configurations CMD #62



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated when clients anthropomorphic measurements require custom accommodation.

Available on:

TiLite TRA, TiLite TR, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

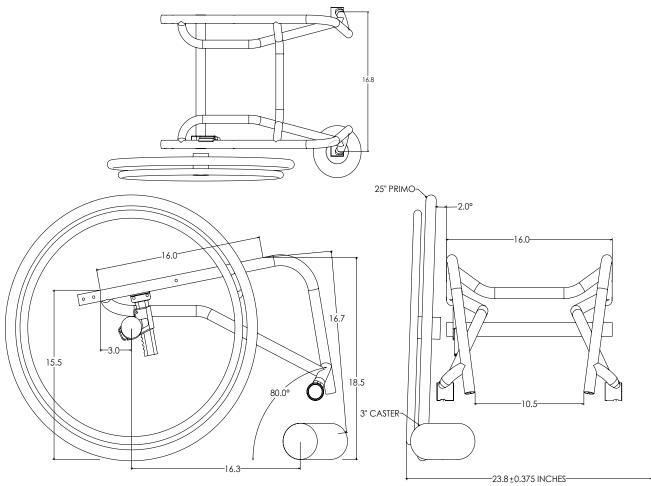
- This applies if:
- · The ergo depth is outside the selectable range.

AND/OR

If the ergo is also ordered with a tapered seat or V-front option.



Full sized wheelchair drawing CMD #65



Z-	Τi	ID			

PO#

Clinical rationale

Indicated for ability to accurately assess accessibility, compatibility, and user configuration requirements at scale.

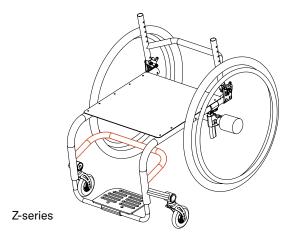
Available on:

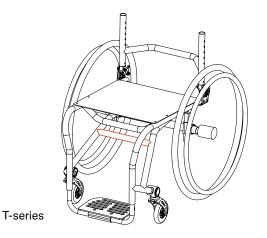
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite TX

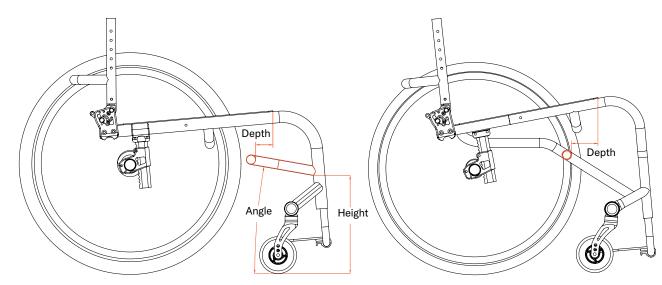
Notes:

· Limited to TiFit Wheelchairs only.

Front frame rigidizer bar CMD #70







EZ-Ti ID	

PO#

Clinical rationale

Modification indicated to enhance frame rigidity and help maintain frame alignment especially when utilizing two piece footplates or no footrests.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available for Rigid frames.
- Dimensions vary for T-series frames versus Z-series frames.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Standard Rigidizer Bar location:

For Z-series: 4" For T-series: 4"

Unique bar placement

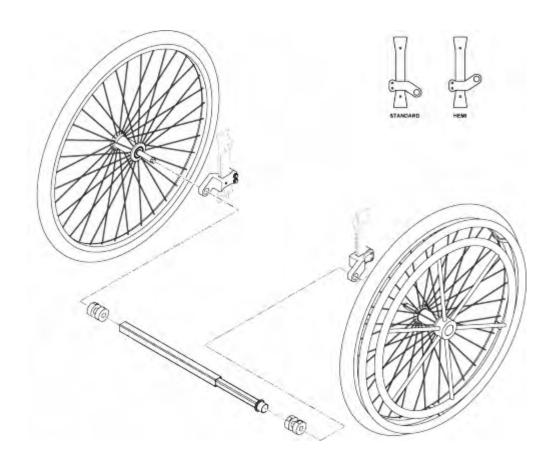
Rigidizer bar	placement dimensions for	or T-chairs:
Denth:		

Rigidizer Bar placement dimensions for Z-chairs:

Depth: _____ Height: _____ Angle: _____



One-arm drive, rigid chairs only CMD #77



EZ-Ti ID	
	·
DO#	

Clinical rationale

Modification indicated for users with one upper limb available for propulsion efforts. This handrim allows all steering operations to be performed using a double handrim on one side of the wheelchair.

Available on:

TiLite TRA, TiLite ZRA, TiLite Aero Z, TiLite Aero T, TiLite TWIST

Notes:

- · Crutch Holders are not available with this adaptation.
- SMARTDRIVE IS NOT COMPATIBLE WITH THIS CMD UNLESS MODIFICATIONS ARE MADE.
- · May not work on all configurations.
- Minimum seat width of 12".
- CE to ensure the chair, whether a new build or parts order, will lend itself to this adaptation.
- 0° camber only.
- The rear wheels will be mag with solid tread inserts.
- Denote which side will be the drive wheel side (the side the one arm will be pushing the handrims).
- Short tabs are NOT an option with this adaptation.

Required information

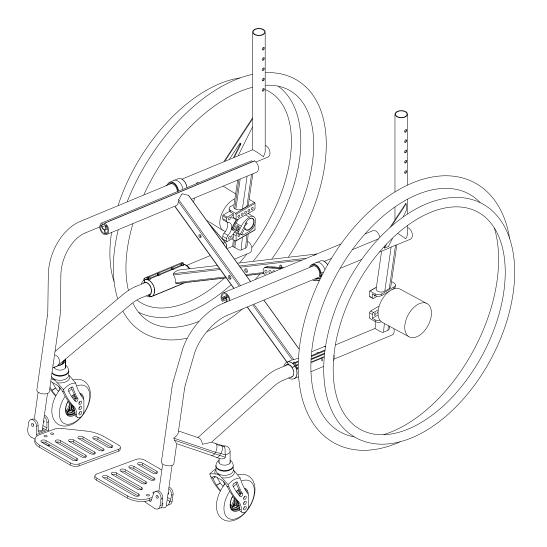
(Insert required information for CMD-E to complete this request)

Select the drive side for this option:

- Right-hand Side
- ☐ Left-hand Side



TX Series 1 CMD #81



EZ-IIID	
DO #	

PO#

Clinical rationale

Modification indicated for individuals who require the legacy TX folding chair with fixed front end. This chair maintains custom configurability through TiFit.

Available on:

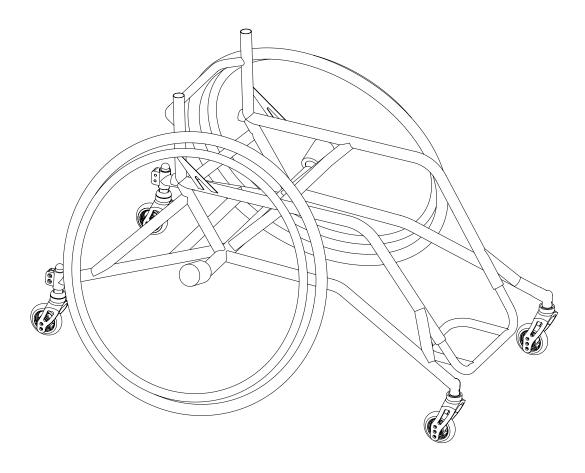
TiLite TX1

Notes:

- Signed CAD drawing required.
- Swing-away armrests and user-friendly anti-tips cannot go on the same chair.
- This is an updated version so if duplicating an existing TX1, the side frame profile will be different at the backrest.
- THE MINIMUM SEAT DEPTH FOR THIS CHAIR WILL BE 12".
- May not work on all configurations.



Sports wheelchair CMD #90



EZ-IIID			
DO#			

Clinical rationale

Rigid frame wheelchair designed specific to sport regulation requirements, designed to maximize participation and safety during sport event.

Available on:

TiLite TR variant

Notes:

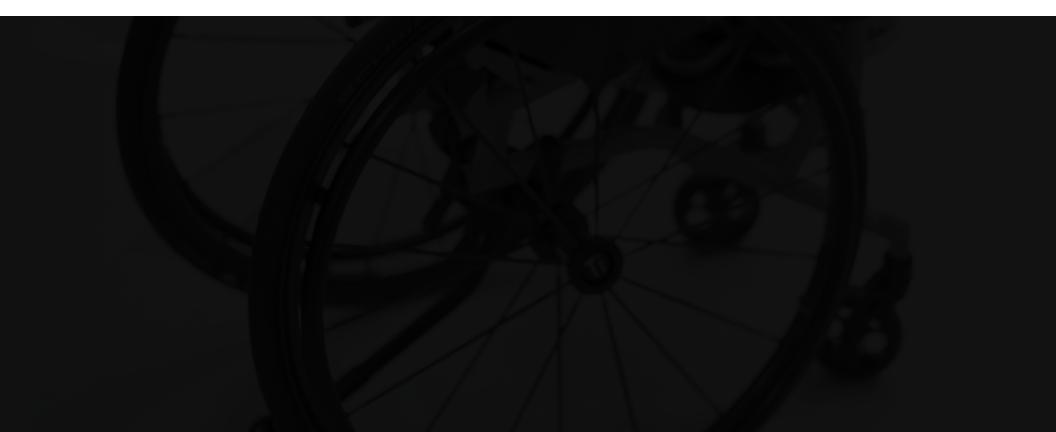
- Case by case basis.
- · See CMD Manager if requested.



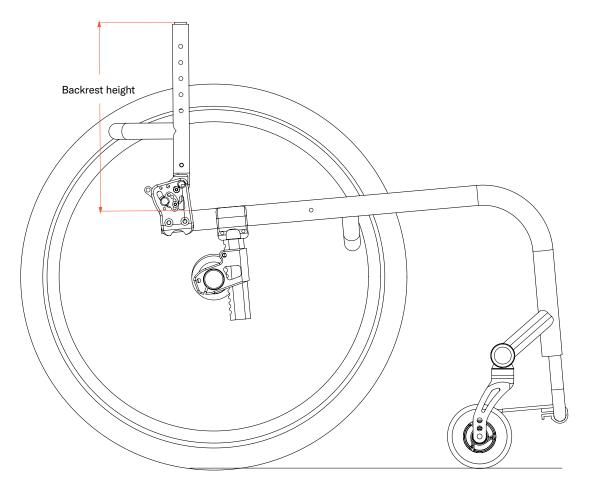


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Backrest options



Unique adjustable-height, fold-down backrest **CMD #9**



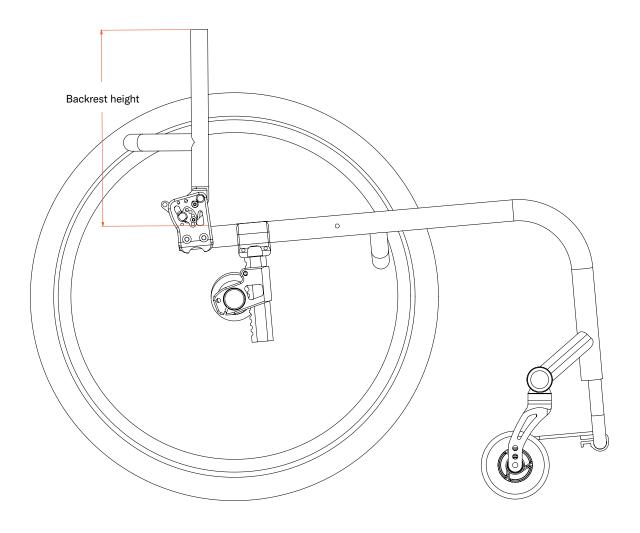
Ł۷	-Ti ID
PC)#
Clini	cal rationale
heigh posit	modification is indicated when a client needs a specific nt on a fold-down backrest. Indication could be for individua ioning or to accommodate for a rigid aftermarket backrest ware.
	lable on:
	e TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, e Aero Z, TiLite TWIST
Note	es:
•	Choose Aluminum or Titainum back on order form.
•	Only available on Rigid Frames.
•	The height adjustment range is 2 1/2" upwards from the
	specified height.
•	specified height. Please round desired height to the nearest 1/2".
	-

(Insert required information for CMD-E to complete this request)

Select one: ☐ Push handles OR	No push handles
Backrest Height:	
Backrest Range:	



Fixed-height folding backrest CMD #17



EZ-Ti ID			
DO#			

Clinical rationale

This modification is indicated for individuals who know their exact back height, but also require their backrest to be folded down for transport.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Up to 4" taller than highest standard height is available.
- May not work with all chair configurations.

Required information

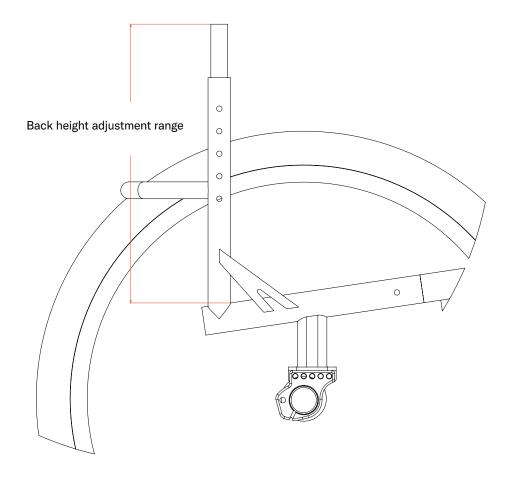
(Insert required information for CMD-E to complete this request)

Fixed height:_____

Select: Push handles OR No push handles



Adapted adj-height or fix-height on non-fold backrest CMD #19



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who require a fixed/nonfolding backrest, but require height adjustability in the posts or require a specific height that is not standard on the order form.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA

Notes:

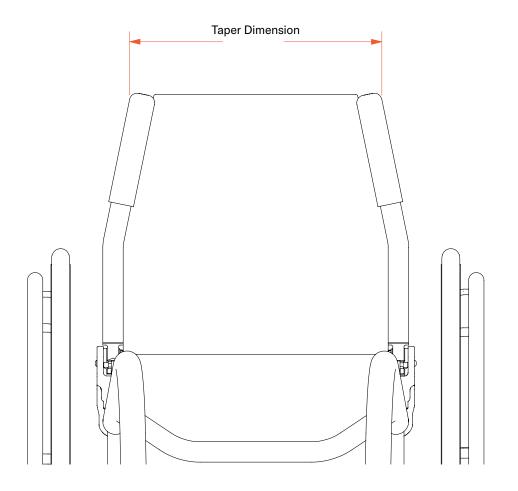
- · Only available on Titanium frames.
- May not work with all chair configurations.
- It is recognized a non-folding backrest is available on some of the models mentioned above. However, this adaptation provides adjustable heights.
- Available with integrated or integrated fold-down push handles.
- Uprights will be made from 1" diameter x 0.051" wall-thickness titanium tubing.
- If a push handle is desired, select it on the order form/EZ-Ti.
- Minimum height is 9.5", Maximum height is 22".
- May not work with all chair configurations.
- Not available with Transit / Transport Tie-Downs.

Required information

(Insert required information for CMD-E to complete this request)

For Fixed Height:
Height to be set at:
For Adjustable Height:
Height Adjustment Range: to
Height to Set at:

Inward tapered backrest with adjustable or fixed height CMD #26



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who present with more narrow shape at chest and shoulders than hip width.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Chair can have folding or non-folding backrest. The latter requires the chair to be a titanium model and may incur additional CMD charges.
- Whether a fixed height or adjustable height, the tapered backrest dimension indicated will be designed at the set-at backrest height the customer indicates.
- · May not work on all configurations.
- Taper dimension changes as the seat back height is adjusted.
- Height of the rigidizer back bar may vary with the amount of taper.
- · Chair can have folding or non-folding backrest.

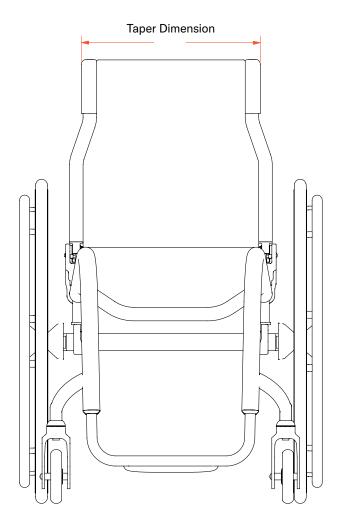
Required information

(Insert required information for CMD-E to complete this request)

Taper Dimension:
Set-at seat-back height:
If adjustable, the range desired:



Inward taper S-curve backrest with adjustable or fixed height CMD #27



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who present with more narrow shape at chest and shoulders than hip width.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Chair can have folding or non-folding backrest. The latter requires the chair to be a titanium model and may incur additional CMD charges.
- Whether a fixed height or adjustable height, the tapered backrest dimension indicated will be designed at the set-at backrest height the customer indicates.
- May not work on all configurations.
- Taper dimension changes as the seat back height is adjusted.
- Height of the rigidizer back bar may vary with the amount of taper.

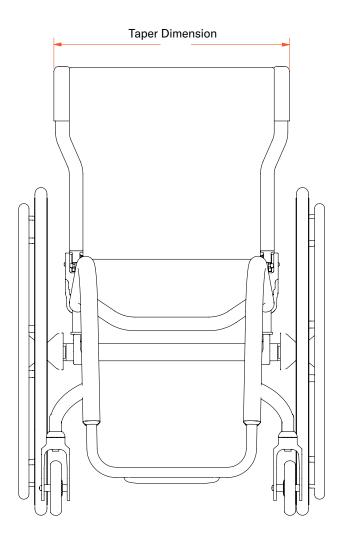
Required information

(Insert required information for CMD-E to complete this request)

Taper Dimension:
Set-at seat-back height:
If adjustable the range desired



Outward taper S-curve backrest with adjustable or fixed height CMD #28



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who present with more narrow shape at hip width than at the chest and shoulders.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Must be a medium or tall range backrest.
- Chair can have folding or non-folding backrest. The latter requires the chair to be a titanium model and may incur additional CMD charges.
- Height of rigidizer bar may vary with the amount of taper and height.
- Outward tapered seat back may interfere with Swing-away Armrests. CMD-E to confirm clearance if Swing-away armrests are ordered.
- May not work in certain chair configurations.

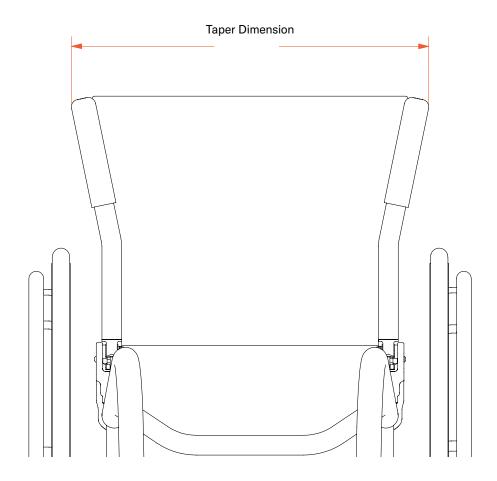
Required information

(Insert required information for CMD-E to complete this request)

Taper Dimension:
Set-at seat-back height:
If adjustable, the range desired:



Outward taper backrest with adjustable or fixed height CMD #29



EZ-Ti ID	
-	
PO#	

Clinical rationale

Modification indicated for individuals who present with more narrow shape at hip width than at the chest and shoulders.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Only available on Titanium frames.
- Available on rigid chairs only.
- Taper dimension changes as seat back height is adjusted.
- Height of rigidizer bar may vary with the amount of taper.
- · May not work with all chair configurations.
- Outward taper may interfere with armrest or wheels; CMD-E to confirm clearances.
- Whether a fixed height or adjustable height, the outwardtapered backrest dimension indicated will be designed at the set-at backrest height the customer indicates.

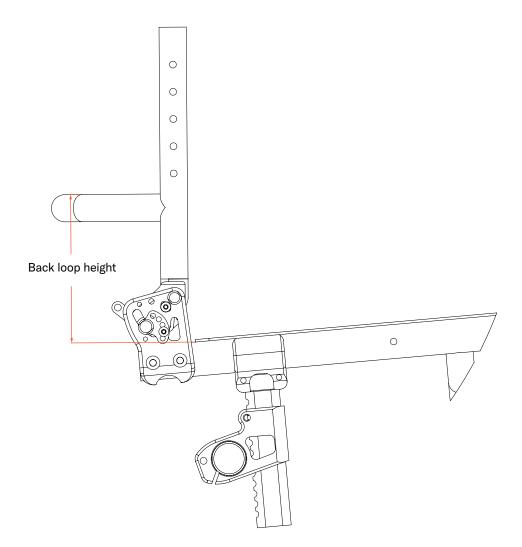
Required information

(Insert required information for CMD-E to complete this request)

Taper Dimension:
Set-at seat-back height:
If adjustable, the range desired:



Unique height/shaped backrest rigidizer bar CMD #85



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated to accommodate solid back support hardware placement or accommodate necessary seat-to-back angles to meet positioning needs.

Available on:

TiLite Aero Z, TiLite ZRA, TiLite ZR, TiLite Aero T, TiLite TRA, TiLite TR, TiLite TWIST, TiLite Rigid 2GX

Notes:

For unique heights on folding backrests:

- From top of seat tube to top of rigidizer bar is a min of 4.5".
- From the top of the backrest frame to the top of the tube is a min of 3"

For Unique shape:

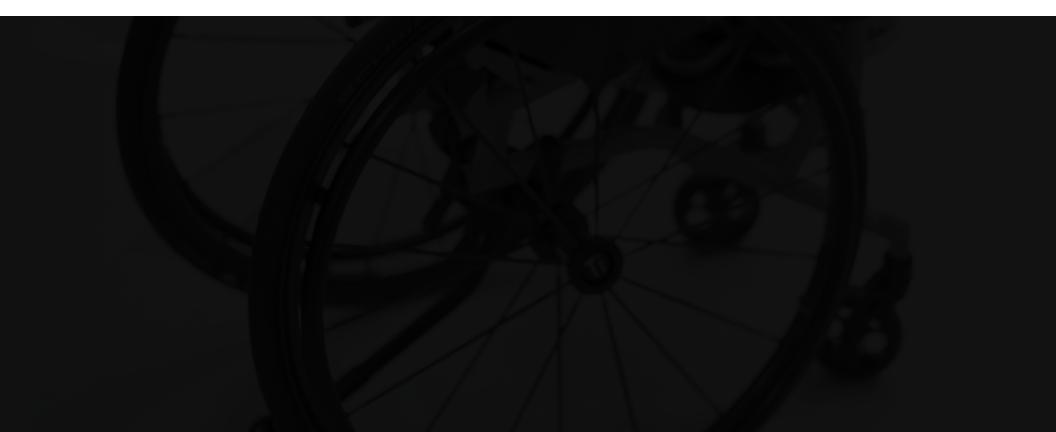
- Depth can be up to 6" from front edge of upright to front edge of rigidizer bar.
- The bends in the rigidizer bar will be limited to 90° bends.
- Unique depth bars will be bent not rounded.



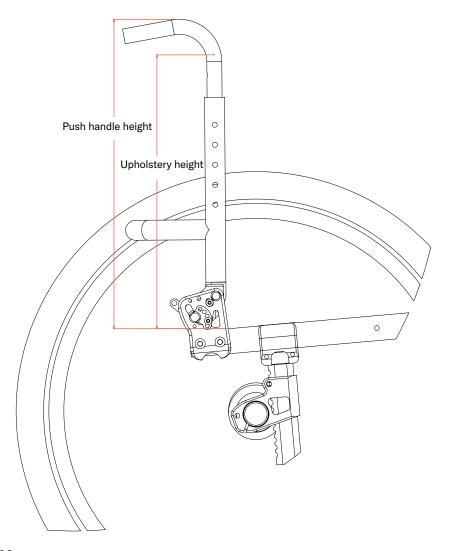
permobil

TiLite manual wheelchairs | Creative Mobility Division

Push handle options



Unique size integrated push handles CMD #23



EZ-Ti ID	
PO#	

Clinical rationale

Modification is indicated for individuals who require the push handles 2.25" above the height of the upholstery. Indication may allow client to hook arm around push handles or may give caregiver the ability to easily push the chair when assistance is needed.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- May not work with all chair configurations.
- Max height is 4" over highest standard setting.

Required information

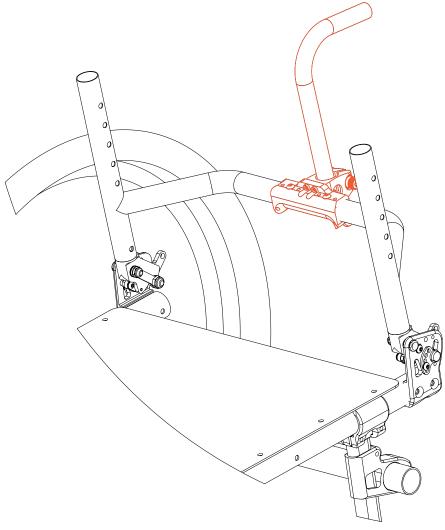
(Insert required information for CMD-E to complete this request)

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Linnoistery He	IONT ITTOM SA	arı'



Center mount push handle CMD #44



EZ-IIID	
DO#	

Clinical rationale

Modification indicated for individuals whose chair cannot accommodate dual push handles or to allow caregiver to walk alongside wheelchair while being pushed.

Available on:

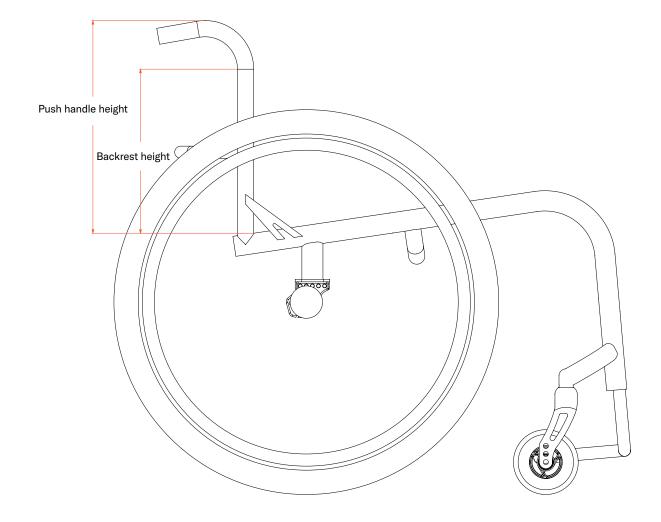
TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- Only available on rigid chairs.
- · Backrest rigidizer bar will be bent, not rounded.
- · Backrest will be made from aluminum only.
- 165 lbs. weight limit.
- 15" wide chair is maximum.
- · Push handle is height adjustable.
- · May not work with all chair configurations.
- Max height is 4" over standard for push handle.
- If a parts order, a TWIST Backrest is required.



Fixed height back with 1" diameter push handles CMD #31



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who have a fixed/non-folding backrest but also require push handles for propulsion assistance or for hooking.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero

Notes:

- · Must be a fixed seat back height.
- Must be a titanium backrest.
- Option not available with Transit Tie-Down Option or Wheelchair Transport Bracket Option.
- Backrest Height cannot exceed 18".
- · May not work with all chair configurations.
- Max push handle height is limited to 4" over standard.

Required information

(Insert required information for CMD-E to complete this request)

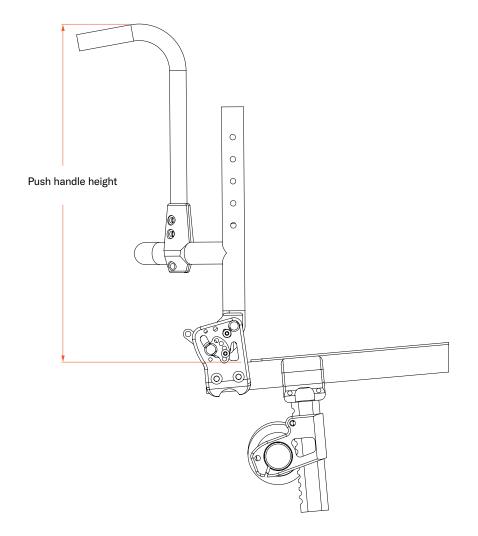
☐ Non-folding backrest (only available on titanium mode
wheelchairs)

OR

☐ Folding backrest



Non-adjustable adapted height bolt-on push handles CMD #63



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for customized bolt-on push handle height to achieve improved access to push handles independent of rear seat-to-floor height configuration or limit functional interference.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T

Notes:

- May not work on all configurations.
- We are limited to these push handles being 4" taller than our tallest standard height push handle.
- Chair requires a backrest with a bent (non-rounded) backrest rigidizer bar.
- Chairs with aluminum backrests that are 16" wide or wider, require HD Aluminum backrests.
- · May not work with all chair configurations.

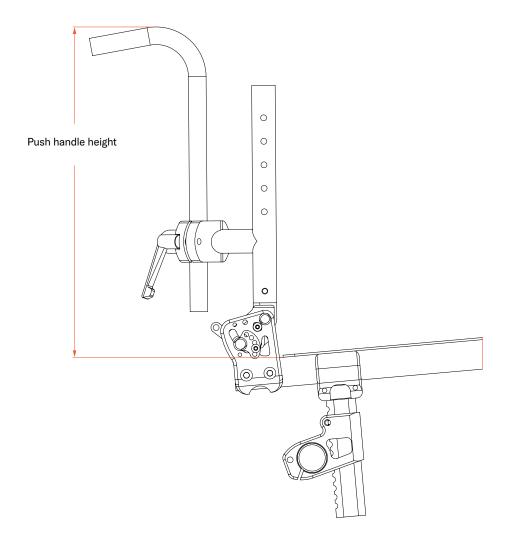
Required information

1	(Insert required	l information	for	CMD-F to	complete	this i	(teaunar
١	(msert required	ı imomiation	101	CIVID-E 10	complete	uns	equest

Height:	



Adapted adjustable height push handles CMD #64



EZ-Ti ID	
DO //	
DO#	

Clinical rationale

Modification indicated for customized push handle height to achieve improved access to push handles and/or limit functional interference.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T, TiLite TWIST

Notes:

- May not work on all configurations.
- We are limited to these push handles being 4" taller than our tallest standard height push handle.
- Chair requires a backrest with a bent (non-rounded) backrest rigidizer bar.
- Chairs with aluminum backrests that are 16" wide or wider, require HD Aluminum backrests.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

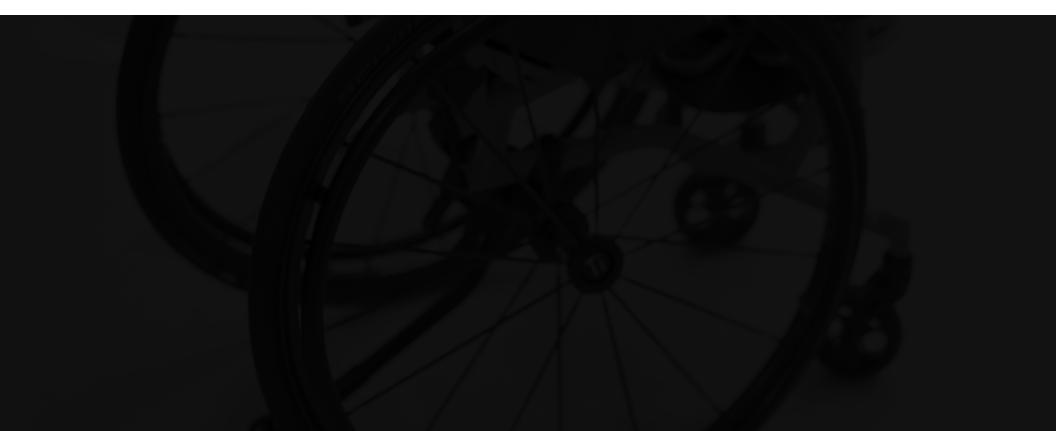
Height to seat:	
Range desired:	



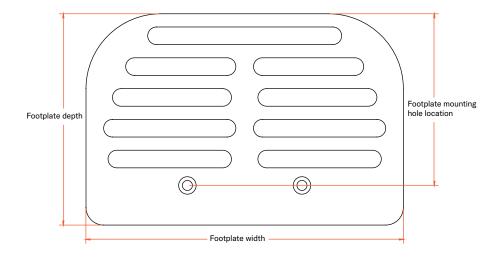


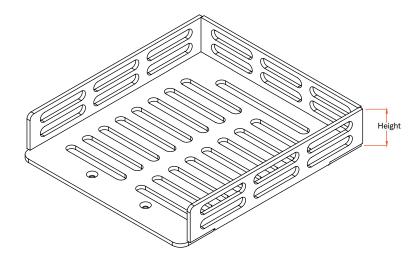
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Footrest options



Adapted sized and shaped aluminum footplate CMD #4





EZ-Ti ID	
PO# _	

Clinical rationale

Modification indicated for clients who present with lower extremity positioning and shape that cannot be accommodated with the standard size footplate on the order form.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST, TiLite TX1, TiLite R2GX

Notes:

- Footplates that are 10" (rearward) or deeper will require a strap to support the rear of the footplate.
- Footplate slots are optional.
- Forward mounted footrests are limited to 4" past standard.
- For folding model wheelchairs, the footrest width will be limited to the 18" wide standard equivalent.
- May not work with all chair configurations.

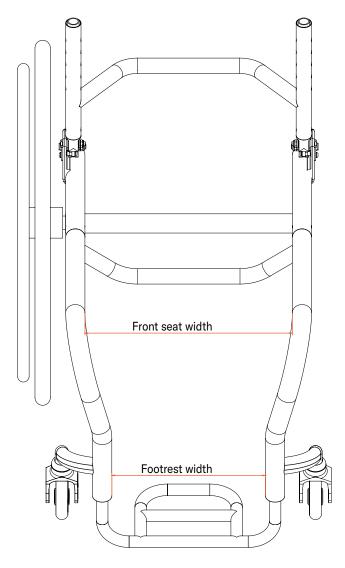
Required information

1	(Insert required information	for	CMD-E to	complete	thic request)
١	iiiseri reddired iiiloiiilatioii	101	CIVID-E 10	Complete	tilis reduesti

Width:	Depth:
Mounting-hole Location: _	
If side, heel or toe contains	ment is wanted:
Height of wall supports:	
Identify the locations of th	e containments:



Adapted footrest and/or front seat width **CMD #8**



EZ-Ti ID		
PO#		
Clinical rationale		

Modification indicated for clients who have specific positioning needs for their lower extremities that are not indicated on the order form. This modification allows the clinician and the ATP to match the precise size of the client for optimal fit and performance.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- May require a set of squared off extensions in some configurations.
- Footrest width must be at least 2" narrower than seat width on T-series chairs, and 2 1/2" narrower than seat width on Z-series chairs.
- May not work with all chair configurations.

Required information

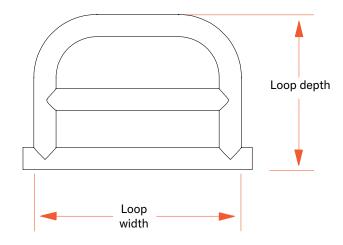
(Insert required information for CMD-E to complete this request)

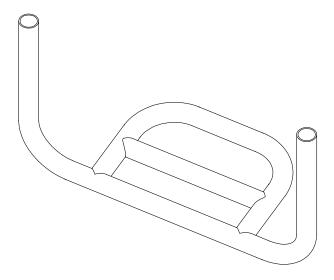
Please round desired width to nearest 1/2"

Front seat width desired:	
Footrest width desired:	



Unique sized footrest loop CMD #21





EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for individuals who require a unique sized foot loop to accommodate size and shape of feet and lower extremities.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Only available on Rigid Frames.
- · Optional ABS cover (see CMD 050).
- Angle Adjustable option is not available with this adaptation (see CMD 004).
- · May not work with all chair configurations.

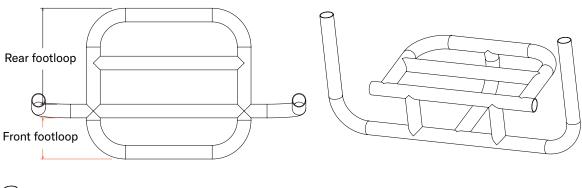
Required information

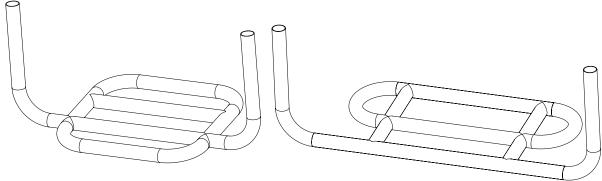
(Insert required information for CMD-E to complete this request)

Width:	
Depth:	



Multiple looped titanium footrest CMD #22





EZ-Ti ID	

PO#

Clinical rationale

Modification indicated for individuals who require support anteriorly of the frame of the chair to address unique lower extremity positioning needs.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- Not available with angle-adjustable footplate. (See CMD 4 for Angle Adjustable options).
- · Available on rigid chairs only.
- Minimum front loop will be 2.25".
- This adaptation is to call out a second loop that will be welded opposite of the standard loop of the footrest.
- Optional ABS cover (see CMD 050).

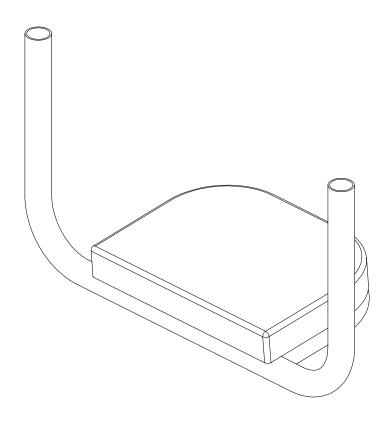
Required information

(Insert required information for CMD-E to complete this request)

Length in front of footrest:	
------------------------------	--



Nylon covered foam pad on footrest CMD #25



EZ-Ti ID	
PO#	

Clinical rationale

Modification is indicated for individuals who may be at increased risk of skin breakdown on their feet.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

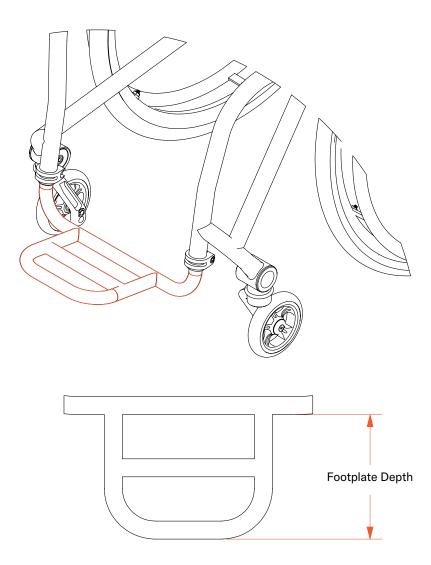
Notes:

- Only available on Rigid chairs.
- Only available for Titanium w/ Flat ABS Cover or Angle Adjustable Footrests.
- Option of 1" or 2" Foam Pad.
- Foam Pad is covered with Ballistic Nylon. May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Forward mounted footplate CMD #30



EZ-Ti ID	
DO#	

Clinical rationale

Modification is indicated for individuals whose lower extremity positioning cannot be accommodated by combination of seat depth, frame depth and front angle bend.

Available on:

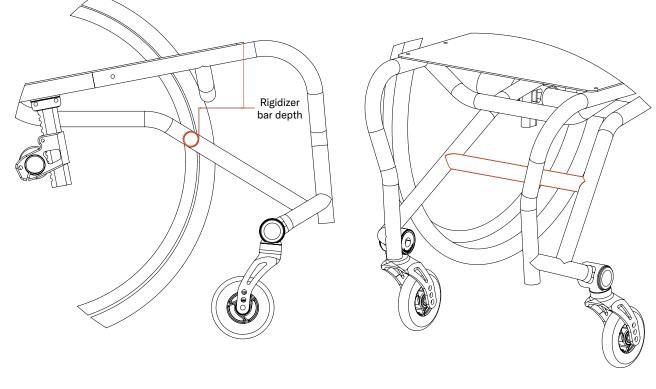
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Available on rigid chairs only.
- Can be:
 - Angle Adjustable (no charge).
 - Titanium w/ Flat ABS cover.
 - Titanium Open Loop.
- May not work with all chair configurations.



No footplates on rigid models CMD #32



EZ-Ti ID	
DO#	

Clinical rationale

Modification is indicated for individuals who utilize a bilateral lower extremity propulsion technique and require the benefits of a rigid frame manual wheelchair.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Signed CAD drawing required.
- Front Frame Rigidizer Bar is required.
- May not work with all chair configurations.
- Standard Rigidizer Bar location:
 For Z-series: 4", For T-series: 4".

Required information

(Insert required information for CMD-E to complete this request)

Rigidizer Bar placement dir	mensions for T-chairs:
-----------------------------	------------------------

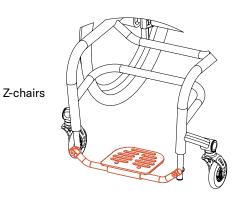
Rigidizer Bar placement dimensions for Z-chairs:

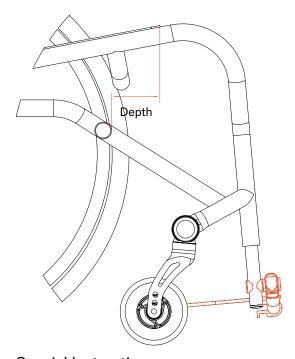
Depth: _	
Height: _	
Δnσle·	

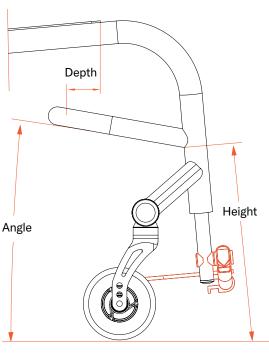


One piece flip-up footplate on rigid and folding chairs CMD #35









Special Instructions

EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for people who may require footplate to flip up in order to get feet on the ground, ie, a stand-pivot transfer.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Extra rigidizer bar is required.
- Angle Adjustable footplate only.
- Signed CAD needed.
- Rigidizer Bar dimensions are different for T-series and Z-series chairs.
- Aero Z chairs will have these footrests clamped to the front of the frame.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Flip-up footplate pivot on : \square Right OR \square Left
Standard Rigidizer Bar location: For Z-series: 4", For T-series: 4"

Custom Rigidizer Bar

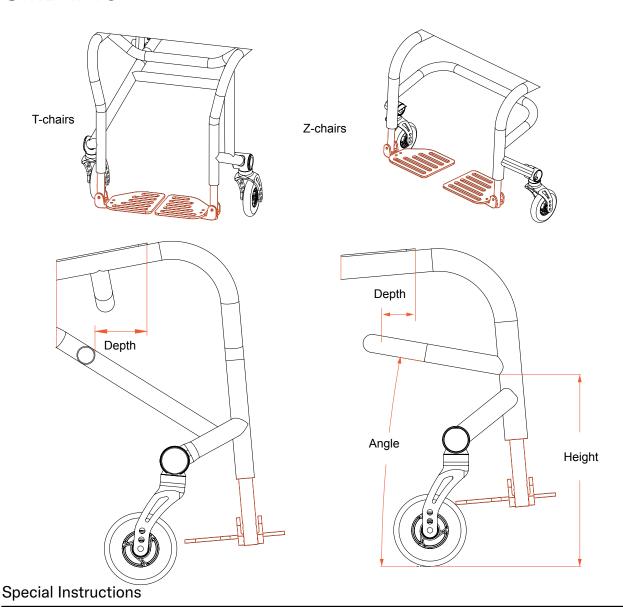
G p
Depth:
Rigidizer Bar placement dimensions for Z-chairs:

Depth: _____ Height: ____ Angle: ____

Rigidizer Bar placement dimensions for T-chairs:



Two piece flip-up footplates CMD #40



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for individuals who present unique foot positioning in a rigid chair that cannot be accommodated via one piece footplate.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Extra rigidizer bar is required.
- Footrest will be aluminum powder coated black.
- Signed CAD needed.
- Rigidizer Bar dimensions are different for T-series and Z-series chairs.
- Aero Z footrests will be clamped to front of frame. Not available with V-front end.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Footrest	Tyma	100			١.
FOOTPOST	IVNA	-	LOCT	nne	

☐ Standard Flip-up ☐ Angle Adjustable Flip-up ☐ Depth Adjustable Flip-up ☐ Depth and Angle Adjustable Flip-up
Standard Rigidizer Bar location: For Z-series: 4", For T-series: 4"

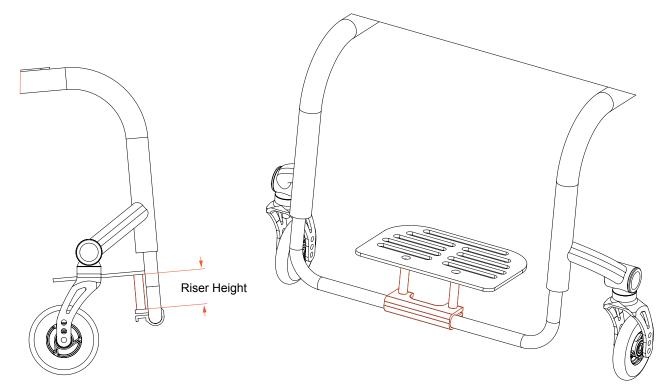
Rigidizer Bar placement dimensions for T-chairs: Depth: _____

Rigidizer Bar placement dimensions for Z-chairs:

Depth: _____ Height: ____ Angle: ____



Unique sized footrest risers CMD #42



EZ-Ti ID	

PO#

Clinical rationale

Modification indicated to provide support for individuals that have a lower leg length that standard footrest height will not accommodate.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available on Rigid Frames.
- Only available with Angle Adjustable footplate (this will not work on flip-back or titanium ABS/Open Loop footrest options).
- Maximum footrest riser height is 3" under this CMD.
- · May not work with all chair configurations.

Required information

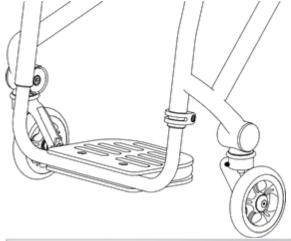
(Insert required information for CMD-E to complete this request)

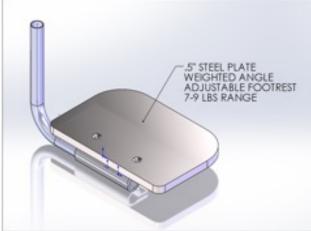
Riser height:

	3	
"	3"	5



Weighted footrest CMD #45





EZ-Ti ID	
P ∩#	

Clinical rationale

Modification indicated for individuals who may have had a lower extremity amputation and require additional weight at the front of the chair for balance.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

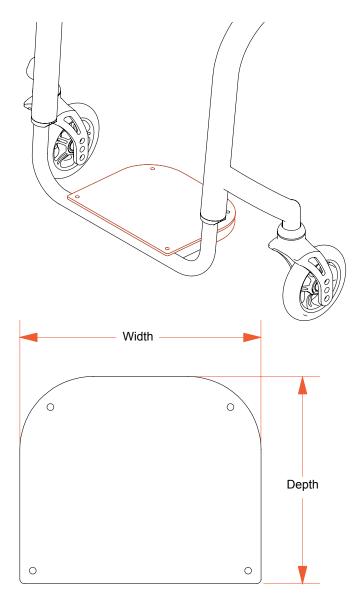
- Only available on non-pediatric rigid chairs.
- Selectable weights range from 5 to 20 lb, in 1 lb increments.
- Final weight will be within 1/2 lb of call-out.
- Not available with flip-back.
- · May not work with all chair configurations.
- For weights over 7 lb, a Titanium open loop footrest must be selected for this adaptation to bolt to.

Required information

(Insert required information for CMD-E to complete this request)

Added footrest weight:	
------------------------	--

Adapted shaped/sized ABS footplate CMD #50



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for individuals who present with lower extremity positioning that standard size cover does not accommodate.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Available on rigid chairs only.
- Titanium open loop footrest may be required.
- May require a squared off footrest adaptation (see CMD 071) or other footrest adaptation.
- Available adaptations include, but are not limited to, depth and width.
- Contact customer service for additional variations. May not work with all chair configurations.

Required information

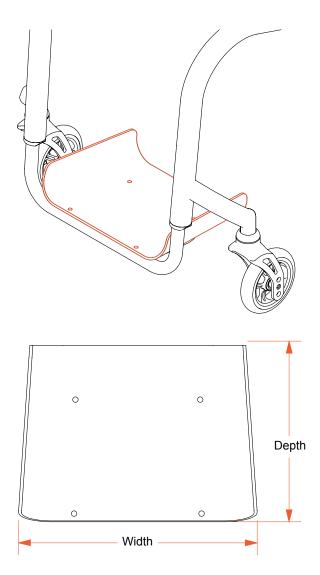
(Insert required information for CMD-E to complete this request)

ABS footrest dimensions:

Depth:	
Width:	



2" sided ABS footrest cover CMD #49



EZ-Ti ID			
PO#			

Clinical rationale

Modification indicated for individuals who require support laterally on their footrest to keep maintain positioning on the footrest.

Available on:

TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Available on rigid chairs only.
- Available adaptations include, but are not limited to, depth and width.
- Contact customer service for additional variations.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

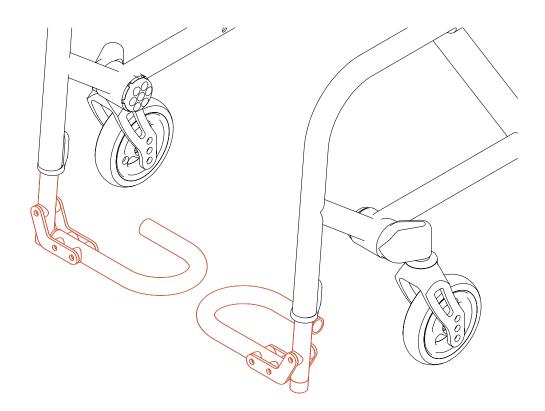
ABS	sided	cover	dime	nsions:
-----	-------	-------	------	---------

Depth:	Width:
Lip Height (choose from	1", 1.5" or 2"):

Description or diagram of unique shape:



Tubular flip-up footplates CMD #61



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who require or prefer a loop style footrest instead of a plastic style footrest.

Available on:

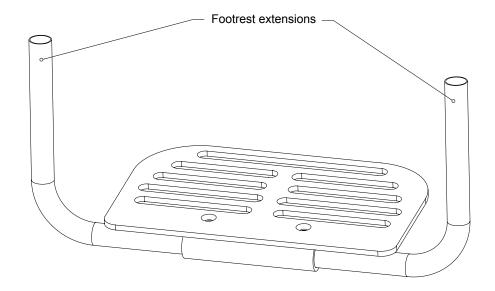
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Rigid frames require extra rigidizer bar (see CMD 40).
- The footrest loops will only be made up to an 18" front-width equivalent.
- · Not available with V-front end.
- May not work with all chair configurations.



Titanium angle-adjustable footrest extensions CMD #55



EZ-Ti ID			
DO#			

Clinical rationale

Modification indicated for individuals who require/desire optimal weight and strength for their footrest extensions.

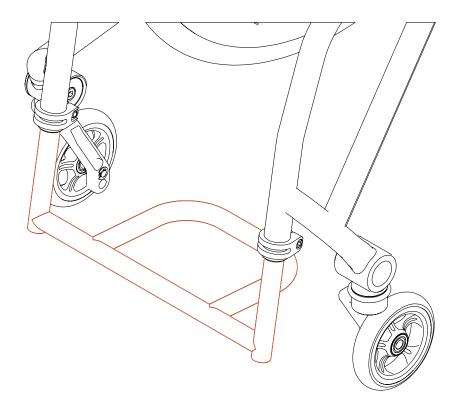
Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T

Notes:

- · Not intended for Heavy Duty wheelchairs.
- · May not work with all chair configurations.
- Extension finish will be blasted satin.

Squared off titanium footrest CMD #71



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated to allow for added surface area across width of the footrest tube offering additional lower extremity positioning and foot placement options while maintaining optimal taper.

Available on:

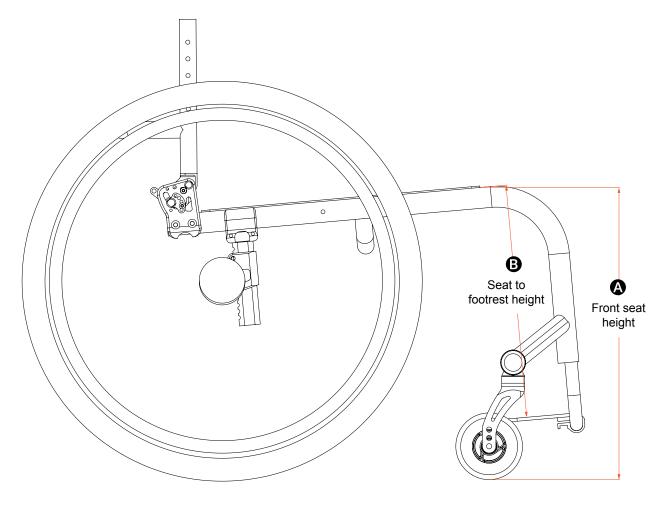
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T

Notes:

- · May not work with all chair configurations.
- If retrofitting an existing wheelchair, a SN will be needed to ensure proper design.
- If retrofitting an existing wheelchair, the desired footrest will be needed for verification of design.



Adapted footrest height adjustment CMD #72



EZ-Ti ID			
PO#			

Clinical rationale

Modification indicated for individuals with lower extremity measurements that require a specific seat to footrest measurement not available on the standard order form.

Available on:

TiLite TR, TiLite TRA, TiLite TX1, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Available on TiFit Model Wheelchairs only.
- May not work with all chair configurations.

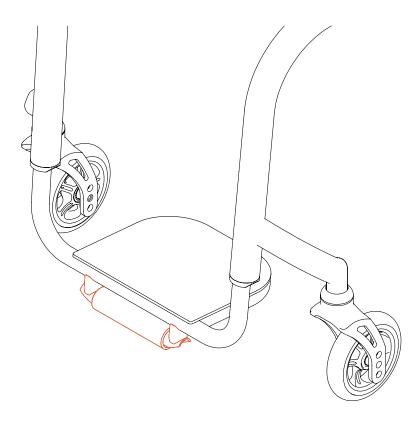
Required information

(Insert required information for CMD-E to complete this request)

Seat to footrest:
Front Seat Height:
(Difference of A and B must be 2" or more)



Front roller CMD #80



EZ-Ti ID			
DO#			

Clinical rationale

Modification indicated when footplate to floor height is lower than 2". This roller contacts elevated surfaces (such as thresholds) first, allowing the chair to continue forward movement as contact occurs.

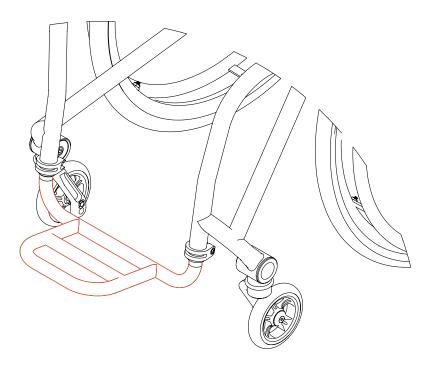
Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available on rigid frames.
- Titanium or Angle-adjustable footrest is required.
- · Signed CAD will be required.
- There must be 3.25" of difference between the Seat-to-Footrest and the Front-Seat-Height Dimensions.
- May not work with all chair configurations.
- · Not available with flip-back footrest.
- Not available with clamped-on, high-mounted footrests.

Titanium painted footrest CMD #83



EZ-Ti ID			
DO#			

Clinical rationale

Modification indicated for individuals who require/request a footrest that complements and matches the color of the wheelchair frame.

Available on:

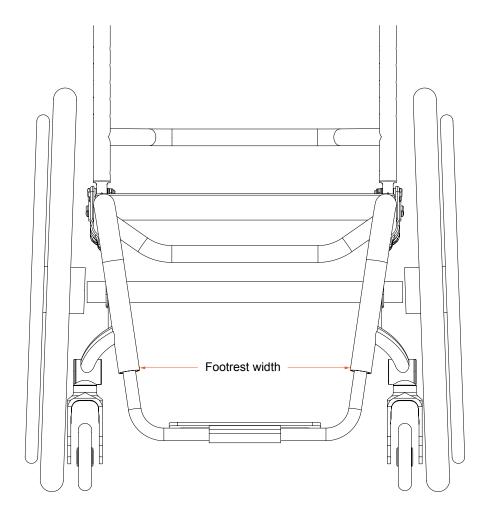
All chairs that receive a titanium Open Loop or Flat ABS footrest option

Notes:

- · Cannot be a double coat on ZR/ZRA.
- May not work in every configuration.



V-front in 1/2" increments CMD #84



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for both lower leg positioning benefits as well as to reduce overall width between casters for improved accessibility in tight spaces.

Available on:

TiFit rigid chairs

Notes:

May not work with all chair configurations.

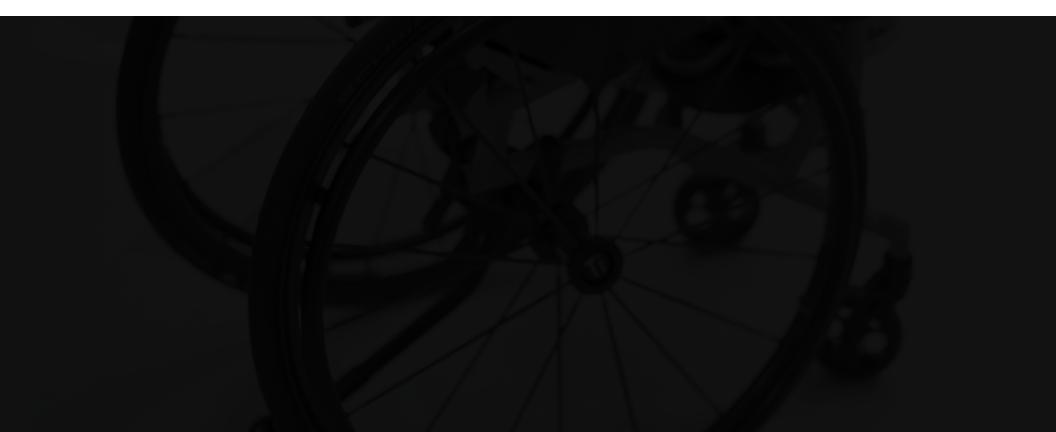
Required information

(Insert required information for CMD-E to complete this request)

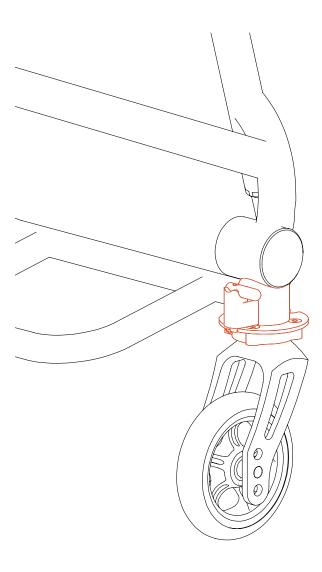
permobil

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Caster options



Caster pin locks CMD #46



EZ-Ti ID	
	_

PO	#
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Clinical rationale

Modification indicated for individuals who require the caster to be locked in the forward or trailing position for increased stability.

Available on:

TiLite TR, TiLite TRA, TiLite TX1, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

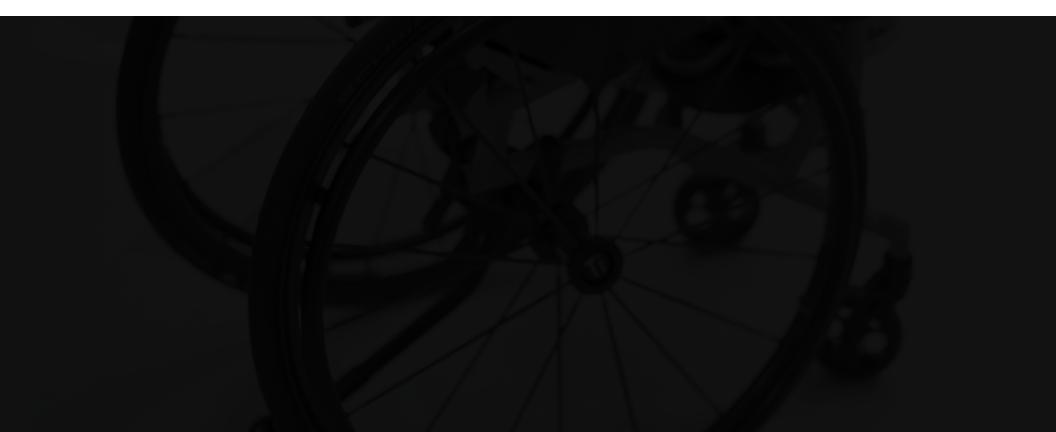
- Available with standard (double-tine) fork style.
- Not Available with Glide Suspension Forks.
- · Available on all chairs except TWIST and Pilot.
- Not available with titanium fork stems.
- May not work with all chair configurations.



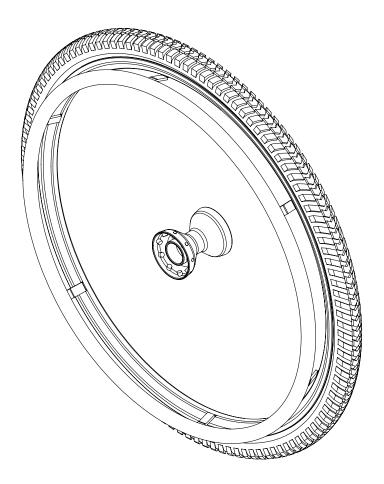
permobil

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Rear wheel options



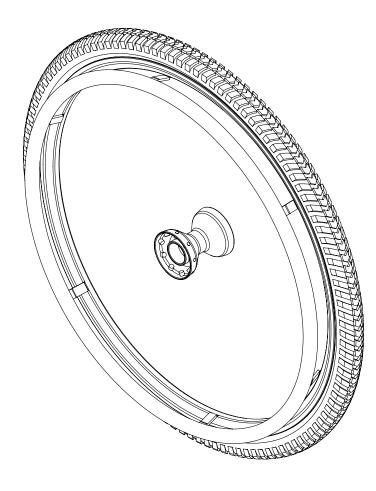
Customer specified wheel and tire combination CMD #43



EZ-Ti ID			
Clinical rationale Modification is indicated for individuals who require specific tire ar			
wheel combinations that is not listed on the standard order form.			
Available on:			
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T,			
TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST			
Notes:			
If a bulleted caster chair (ZR, TR, TX) and if it is a wheel/tire			
we have not designed for before, we require the wheel and			
tire to be sent to us so we can design the chair to the wheel set's specific dimensions.			
May not work with all chair configurations.			
Delivery dates can only be quoted once we have the wheel/			
tire set in hand so that we can design the order to the back wheels.			
Required information			
(Insert required information for CMD-E to complete this request)			
Please use part numbers and/or descriptions below if TiLite will be			

sourcing these wheels for you:

Knobby tires CMD #79



EZ-IIID			
DO#			

Clinical rationale

Provides a more robust tire profile and width for improved performance in varied-terrain environments, indicated when consumer environment places them at higher risk for stranding if using a standard tire profile.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Please note: If an aftermarket knobby is to be utilized, the tire needs to be ordered and designed to before the chair can be cut to size if for a TiFit model.
- 24" (507) Available on Shadow Wheels.
- 24" (540) Available on Shadow, Spinergy LX, and Spinergy SPOX.
- 26" (559) Available on Shadow, Spinergy LX, and Spinergy SPOX.
- Some rear seat heights may not be achievable when this adaptation is applied.
- May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Information Needed if non-stocked tire:

- Tire type (make, model, part number)
- Tire size (diameter in inch AND mm as well as the belly dimension of the tire's profile) example: 26" (559 mm) x 2.25" (57mm).



Spinergy wheels with Flex Rims CMD #82

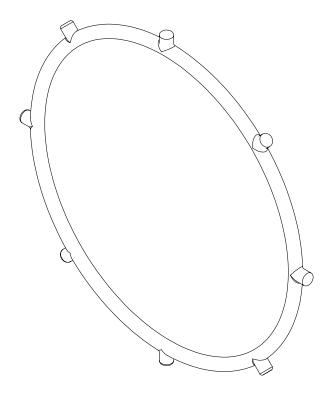


EZ-Ti ID			
PO#			
Clinical rationale Modification indicated for individuals who require Spinergy wheels with flexible handrim; item is not on the standard order form.			
Available on: All chairs			
 Notes: May not work on all configurations. Only in 24" and 25" (540 and 559mm) wheel sizes. Short tab handrim placement is not available. Comes in Spinergy LX only. Subject to availability. 			
Required information (Insert required information for CMD-E to complete this request)			

Color of spokes: _____

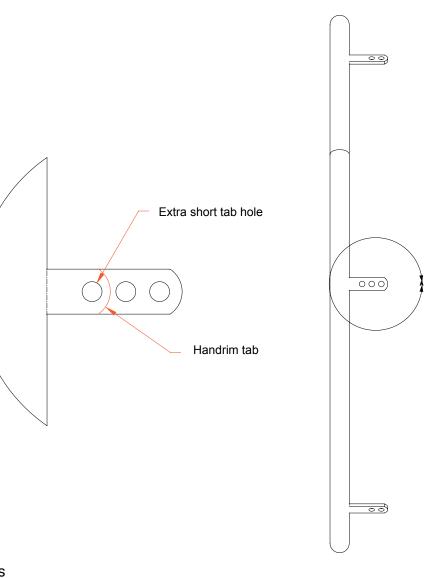
Wheel size:

Projection hand rims CMD #86



EZ-Ti ID
PO#
Clinical rationale
Modification indicated for clients with limited hand function,
projections provide a vertical surface for general hand contact when gripping forces are minimal; used to maximize wheelchair propulsion forces via larger-surface hand contact with projections to initiate each push.
Available on:
All chairs
Required information
(Insert required information for CMD-E to complete this request)
Hand rim size desired:
Number of projections desired on this rim:
Wheel type:
☐ Standard OR ☐ Oblique

Extra short handrim tabs CMD #91



Z-	Τi	ID				

PO#

Clinical rationale

Modification reduces overall chair width by bringing the handrim closer to the wheel, for improved accessibility in narrow environments.

Available on:

All wheelchairs

Notes:

- · Six-tab mount handrim-style.
- · Rivnut Mounted Handrims.
- · Natural Fit Handrims with thumb rings.
- Vinyl-coated or Q-grip handrims.



Offset diameter handrim CMD #94



EZ-IIID	
DO#	

Clinical rationale

Modification indicated for individuals who require a specific size handrim in relation to the tire size to achieve the most efficient propulsion.

Available on:

All wheelchairs

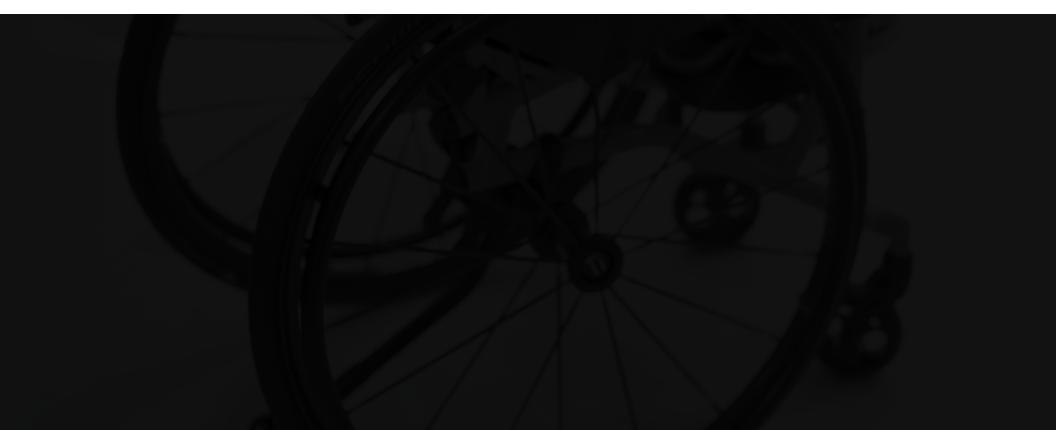
Notes:

- This will only function on Wire and Spinergy wheels.
- 24" (540mm) rear wheel can have a 20-22" Handrim.
- 22" (501mm) rear wheel can have an 18-20" Handrim.

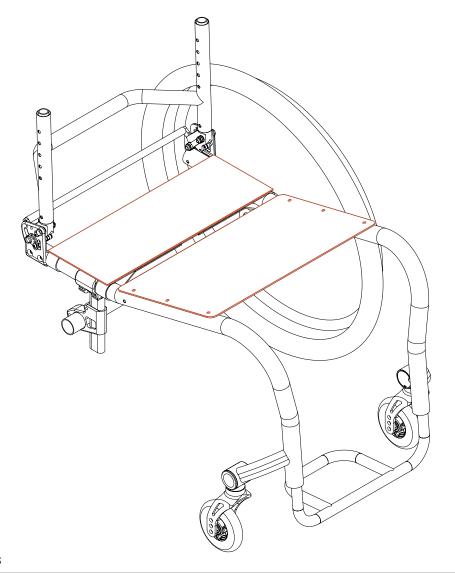


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Seat upholstery options



Hybrid seat pan/tension-adj-bystrap seat upholstery CMD #13



EZ-Ti ID	
DO#	

Clinical rationale

This modification is indicated for people who require a solid seat pan on the distal end of the seat to improve support for transfers or for unique lower extremity positioning. Specific applications can be paired with ergonomic seat or to address the needs of lower extremity propellers.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Only available for rigid frames but will include non-tapered, tapered, and ergo frames.
- Seat pan may be placed on rear or front section of seat upholstery.
- The upholstery section of the seat will be tension adjustable by strap.
- May not work with all chair configurations.

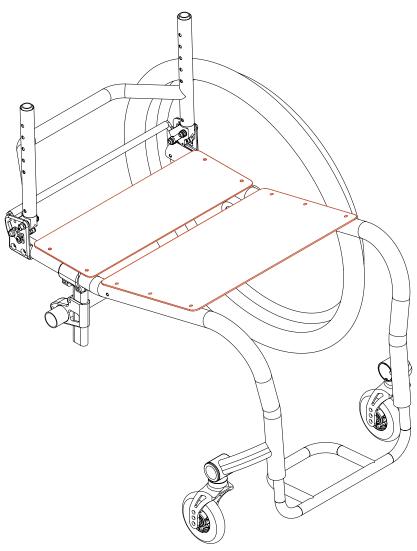
Required information

(Insert required information for CMD-E to complete this request)

Seat pan location:	□ F===+ OD	□ D
Seat pan location:	Front OR	- Real



Ergo-split seat pan CMD #16



EZ-IIID	
DO#	

Clinical rationale

This modification is indicated for individuals who have an ergonomic seat and require a solid seat pan for posture and positioning.

Available on:

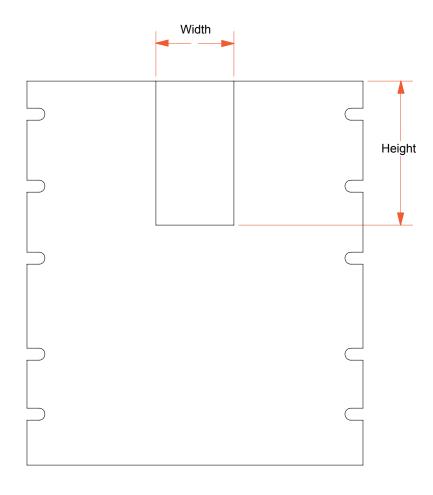
TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z

Notes:

- Only available for ergonomic frames.
- Seat Pan size is dependent on Ergo Seat dimension and will be built based off seat depth.
- May not work with all chair configurations.



iSleeve CMD #18



EZ-Ti ID	

PO#

Clinical rationale

Modification is indicated for individuals who have a cellphone and require a place to safely store it while in their manual wheelchair. Sleeve can be sewn to accommodate size of client's phone.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- May not work on all chair widths or configurations.
- Limited to seat slings that are 13" wide or wider.
- The sleeve may not be centered due to seat sling and/or iSleeve size.
- The iSleeve width can be up to 9" smaller than the chair's seat width.
- iSleeve depth can be up to 2" smaller than the seat depth of the sling.
- Some seat widths in relation to the size of the iSleeve may require the sleeve to be off center.
- Velcro closure will be sewn at opening.
- Standard iSleeve dimensions are: Width = 3.25", Depth = 6.25".

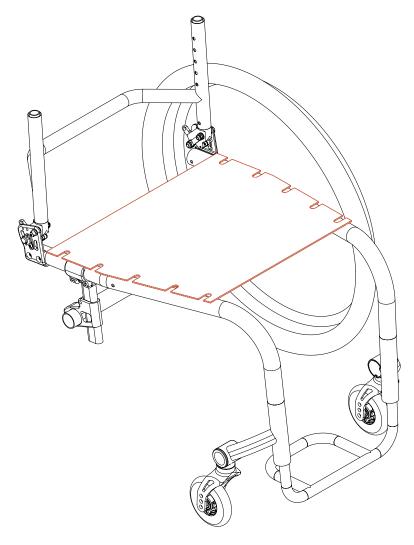
Required information

(Insert required information for CMD-E to complete this request)

If trying to fit a certain device, please add 1" to the depth and $\frac{1}{4}$ " to the width of the opening iSleeve dimensions.

Width:		
Denth:		

Bolt on seat sling: Ergo or tapered/ abducted seats CMD #20



EZ-Ti ID	
PO#	

Clinical rationale

Modification is indicated for individuals who require the support proved by the bolt on seat sling, or someone who may be unable to tolerate the tension adjustable by strap seat.

Available on:

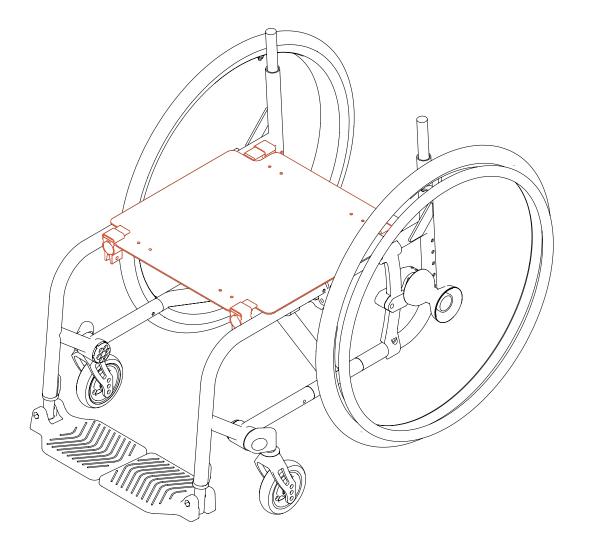
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Only available on Rigid Frames.
- May not work with all chair configurations.



Removable seat pan CMD #38



EZ-Ti ID	
DO#	

Clinical rationale

This modification is indicated for individuals who have a folding frame chair but require the rigidity and support of a solid seat pan.

Available on:

TiLite Aero X, TiLite 2GX, TiLite TX1

Notes:

- · Only available on folding wheelchairs.
- No more than +1 frame depth.
- This is an imperial-hardware assembly.
- May not work with all chair configurations.
- Pan will be made to cross tube dimensions called out on order unless otherwise stated.



Adapted upholstery CMD #68



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated to achieve integration of upholstery with non-standard frame configurations or meet the needs of specific seating components to be installed.

Available on:

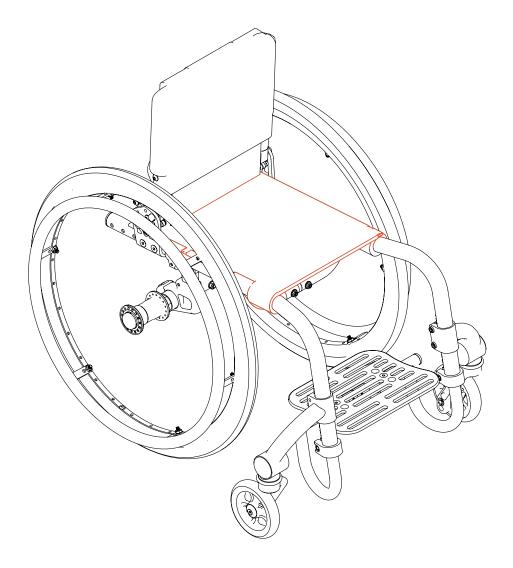
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST

Notes:

- Use space below to sketch or design desired upholstery.
- Some requests will not be achievable.



TWIST solid seat pan or insert CMD #78

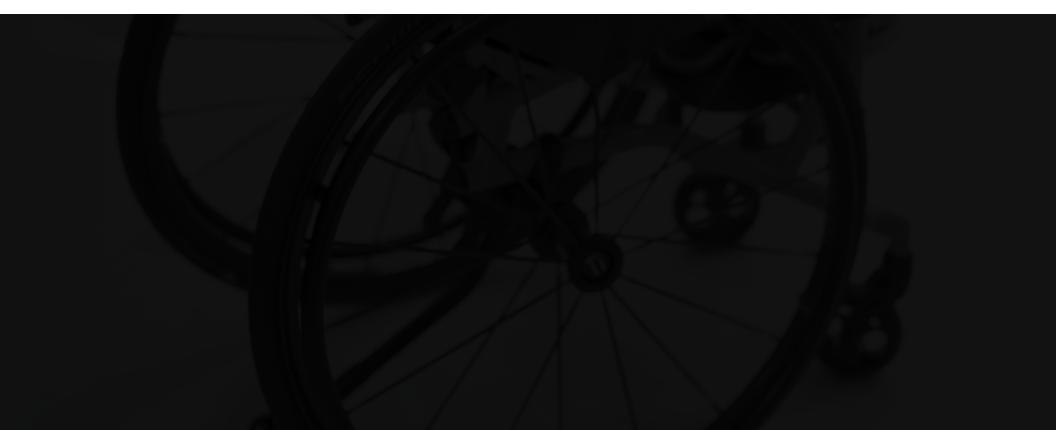


DO#
PO#
Clinical rationale Indicated to provide a stable platform for pelvis through a consistently solid surface, impacting overall postural alignment and stability during propulsion and functional activities.
Available on: TiLite TWIST and extra large rigid wheelchair models.
Notes: For the rigid wheelchair: Models that are 21-22" width and/or depth, the seat pan will be made from .190" thick aluminum and will be sewn into a seat sling. It will be bolted to the seat tube. For the TWIST, available as: A seat upholstery insert. A direct bolt-on solid seat pan onto frame. A blank pan to be drilled/installed by dealer. May not work with all chair configurations.
Required information (Insert required information for CMD-E to complete this request)
$oldsymbol{\square}$ Bolt on (this will be our default if no other choice is selected below)
OR
☐ Sewn into tension adjustable by strap seat sling (Note that a new seat sling with pan insert will need to be ordered each time the seat depth is changed)
OR
Powder-coated, non-drill, seat pan with trim (unless sewn into upholstery).

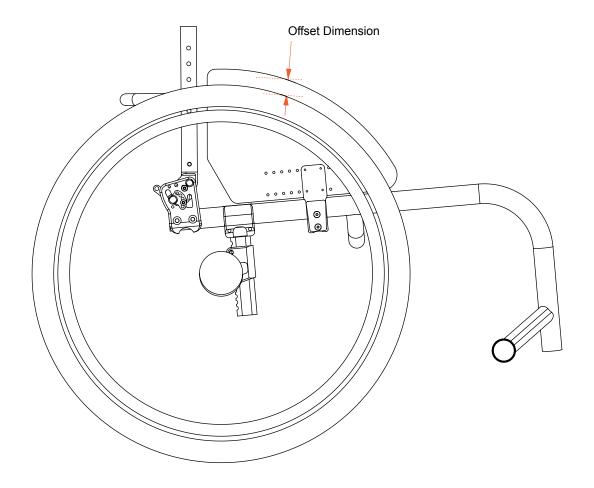
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Side guard options



Offset profiled side guard (removable or fold-down) CMD #7



EZ-Ti	ID _		
PO#			

Clinical rationale

Modification intended to allow for specified offset (height) between edge of the side guard and edge of rear wheel, giving the customer the ability to increase the size of the side guard as needed for more protection or comfort.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite TWIST, TiLite Aero X, TiLite 2GX

Notes:

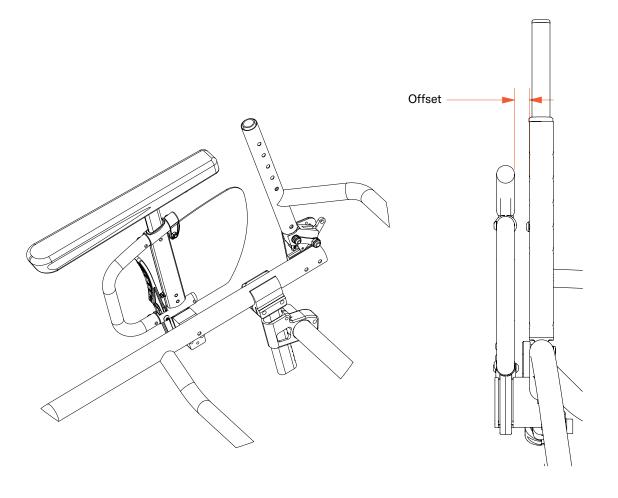
- Requires rigid-removable or fold-down side guards.
- Aluminum or Carbon Fiber side guard must be selected.
- Side guard panel can be above or below the rear tire.
- Side guards will be cut profiling the rear tire if no offset is selected below.
- Aluminum side guards are black powder-coated with edge molding.
- May not work with all chair configurations.
- Folding wheelchair models are not compatible with fold-down side guards.

Required information

Select one: Removable OR Fold-down	
Offset:	
Above or Below Tire Diameter	



Adapted spacing on desk arm CMD #12



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated to allow for proper fit of client in their wheelchair due to width constraints on the chair. Modification allows for wider seat width while maintaining overall chair width.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T, TiLite Aero X, TiLite 2GX, TiLite TWIST

Notes:

- This adaptation is not available with 2-point desk arm option.
- Non-standard desk arm spacing may require rear wheels spacing to be increased for clearance.
- Offsets are selectable in 1/4" increments up to 1".
- May not work with all chair configurations.

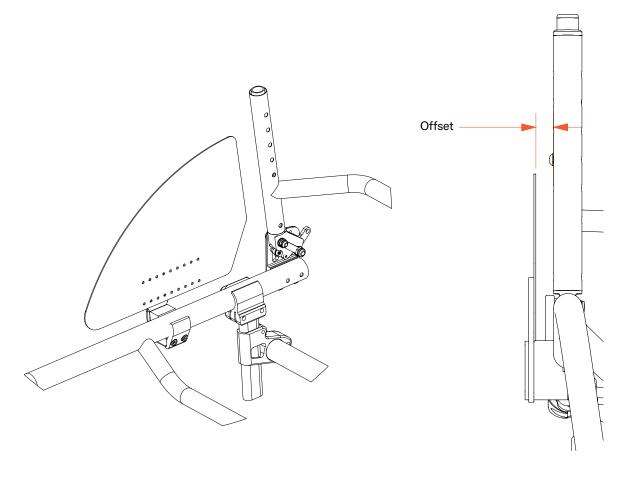
Required information

(Insert required information for CMD-E to complete this request)

Desk Arm Offset (1/4" increments only):



Adapted spacing on flat, rigidremovable side guard CMD #15



EZ-Ti ID	
DO#	

Clinical rationale

Modification is indicated for individuals who may require more width without getting a wider seat width measurement, or who may not be eligible for a new manual wheelchair.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST

Notes:

- Non-standard side guard spacing may require rear wheels spacing to be increased for clearance.
- Offsets are selectable in 1/4" increments up to 1".
- · May not work with all chair configurations.

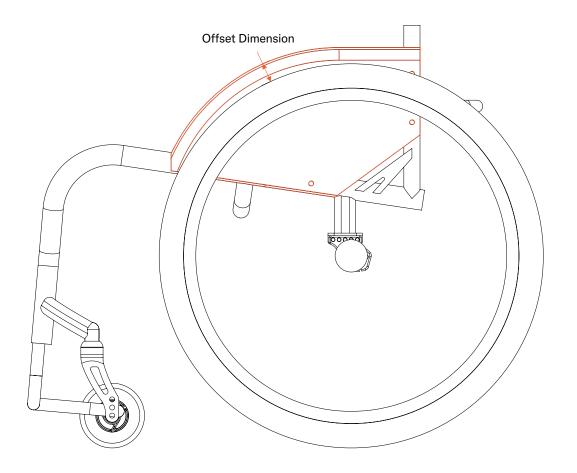
Required information

(Insert required information for CMD-E to complete this request)

Side guard offset (1/4" increments only):	
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Carbon fiber fendered side guards fixed in place CMD #33



EZ-Ti ID	
PO#	

Clinical rationale

Modification is indicated for individuals who require fender side guard to protect clothes and they do not require it to be removed.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA

Notes:

- May not work on all configurations.
- CMD-E to approve clearances and identify limitations.
- · Must be on a titanium non-folding backrest.
- · Carbon fiber fendered panels ONLY.
- Offset dimension must be no less than 1/4" above rear tire.

Required information

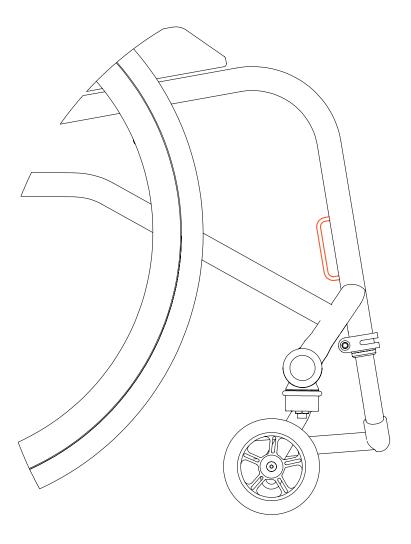
(Insert required information for CMD-E to complete this request)

Default offset will be set at 1/4" above rear tire if no offset dimension is denoted below

Requested Offset Dimension:	
-----------------------------	--



Titanium welded on calf strap loops CMD #34



EZ-Ti ID	
DO#	

Clinical rationale

Modification is indicated for individuals who require precise placement of calf strap for lower extremity positioning and to prevent rearward migration of lower extremities on the footplate.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA

Notes:

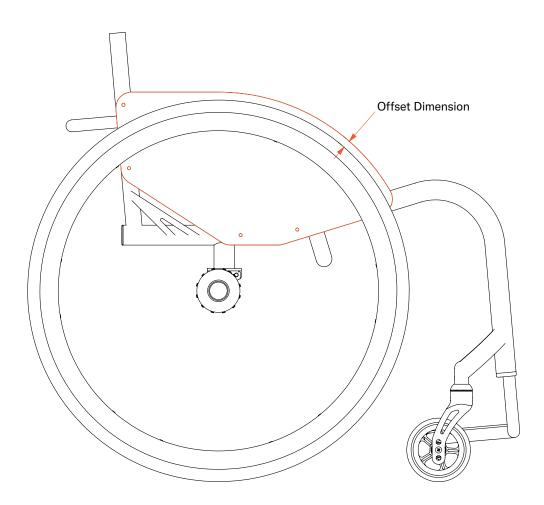
- · May not work with all chair configurations.
- Only available on Titanium frames.

Required information

(Insert required information for CMD-E to complete this request)



Polished stainless steel side guards CMD #41



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who require a side guard and also desire a side guard that does not remove and has durability.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite 2GX, TiLite Aero X

Notes:

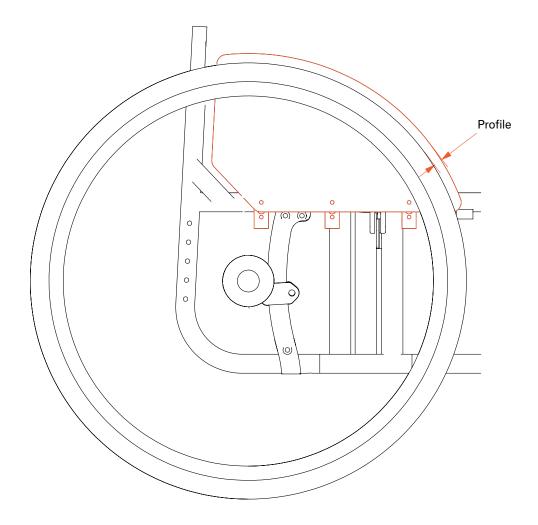
- The fixed side guard option is only available on Titanium RIGID wheelchairs with non-folding backrests.
- Side guard panel is profiled to rear wheel unless an offset (above or below the rear tire) is denoted below.
- Rigid-removable side guards are the only ones available on folding chairs (fixed and fold down are not available with folding model wheelchairs.
- · May not work with all chair configurations.

Required information

(Insert required information for CMD-E to complete this request)

Offset Dimension:	
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Folding chair clamp-on, non-removable side guards CMD #60



EZ-Ti ID
PO#
Clinical rationale
Modification indicated for individuals who require a side guard and
desire a side guard that does not remove and is compatible with a
folding frame.
Available on:
TiLite Aero X, TiLite 2GX
Notes:
 Aluminum or Carbon Fiber side guard must be indicated.
 Side guard panel can be above or below the rear tire.
 Side guards will be cut profiling the rear tire if no offset is selected below.
 Aluminum side guards are black powder coated with edge molding.
 May not work with all chair configurations.
Production of the control of the con

Required information

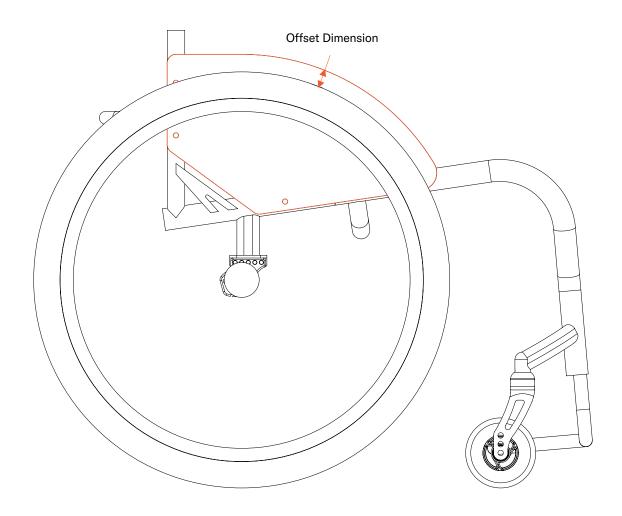
(Insert required information for CMD-E to complete this request)

_		
()·	ffset:	

Ahove	or Relov	<i>ı</i> Tire Dia	ameter.	



Flat fixed side guards CMD #73



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who require a side guard and desire a side guard that does not remove.

Available on:

TiLite TR, TiLite TRA, TiLite TX1, TiLite ZR, TiLite ZRA

Notes:

- · Non-folding backrest required.
- May not work with all chair configurations.
- Side guard panel is profiled to rear wheel unless off-set dimension indicated below.
- Side guard panel can be Aluminum or Carbon Fiber.

Required information

(Insert required information for CMD-E to complete this request)

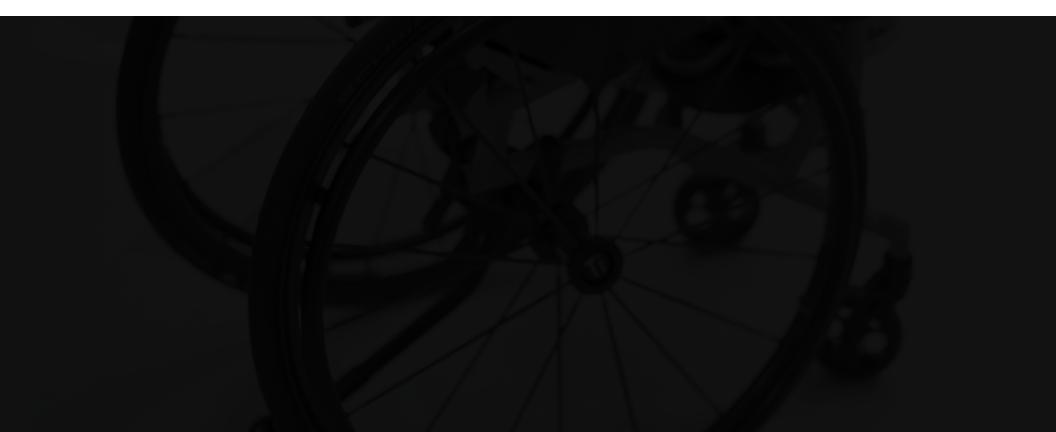
Offcet	Dimension:	
Uliset	Dimension:	

Aluminum	\cap D	Carbon fiber	

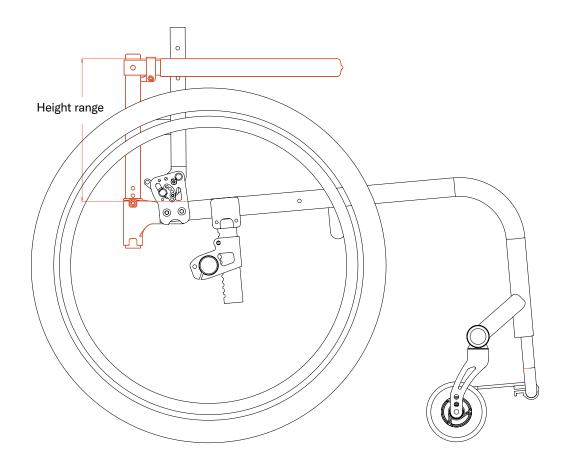
permobil

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Armrest options



Unique range height adjustable, Flip-Back Armrest CMD #24



EZ-Ti ID	
PO#	

Clinical rationale

Modification is indicated for individuals who present with unique and specific upper extremity positioning that is not available on the standard order form.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Height must be denoted from seat to top of the armrest with the top of armrest parallel to the floor.
- Height range must not exceed 3" above standard range.
- The lower armrest ranges may not be achievable due to rear wheel/tire diameter and the armrest height proximity.
- · May not work with all chair configurations.

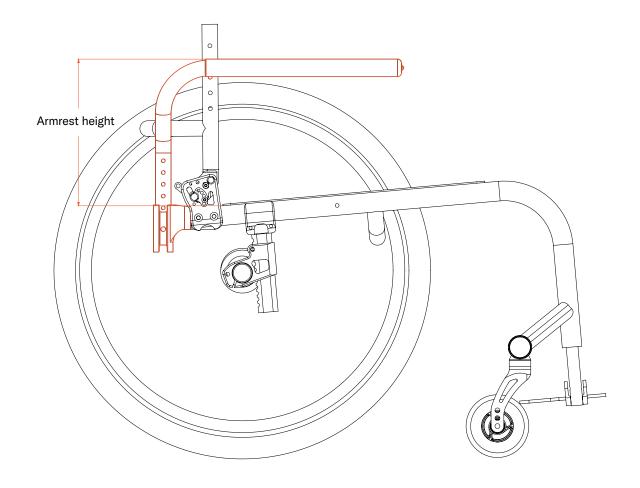
Required information

(Insert required information for CMD-E to complete this request)

Height range:	to
neight fallge.	ιο



Adapted height and/or increased thick swing-away armrest CMD #51



EZ-Ti ID	
P∩#	

Clinical rationale

Modification indicated for individuals who present with upper extremity shape and positioning that the standard swing-away armrest is not long enough for and does not provide the appropriate support.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX, TiLite TWIST

Notes:

- Swing-away armrest tube is 1/8" thick.
- · May not work with all chair configurations.

Required information

	(Insert reau	ired	information	for	CMD-E _t	to com	plete	this	request
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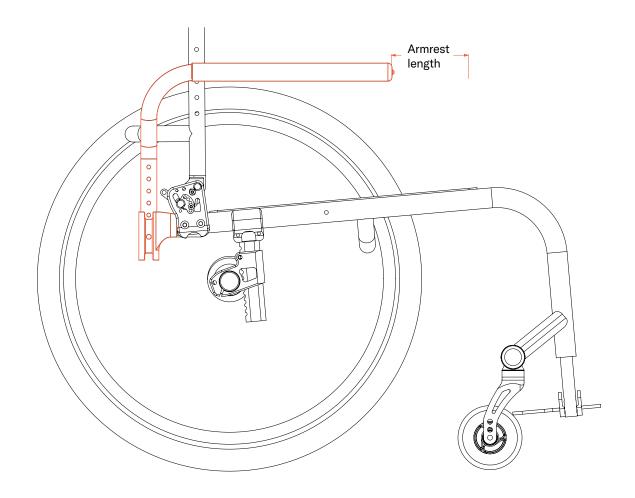
Height:	

ı	ongth (1"	more than	otondord	io movi	mm).	
1	anoth 1/1"	mora than	etandara	ie mavii	mi im i•	

A .1 C			
Angle from	i tan tiiha	to floor if no	it etandard:



Adapted length swing-away armrest with foam cover CMD #52



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who present with upper extremity shape and positioning that the standard swing-away armrest is not long enough for and does not provide the appropriate support.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Select length based off of std arm length (see CMD 53).
- · May not work with all chair configurations.
- · Maximum length is 4" more than standard.

Required information

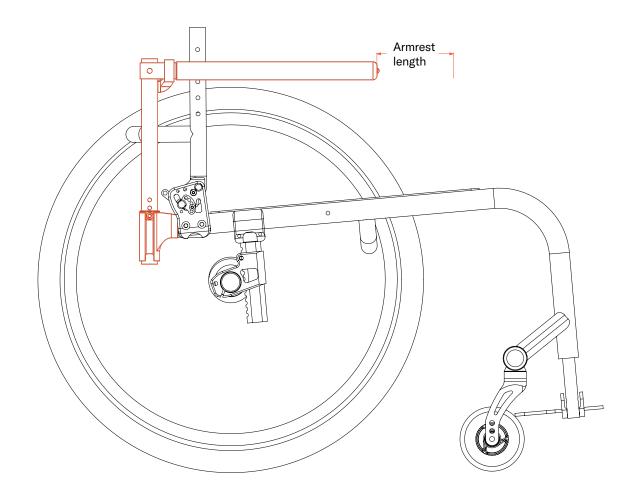
(Insert required information for CMD-E to complete this request)

Length Longer/Shorter than standard

Longer:	(4" max length increase)
OR	
Shorter:	



Adapted length flip-back swingaway armrest with foam cover CMD #53



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for individuals who present with upper extremity shape and positioning that the standard swing-away armrest is not long enough for and does not provide the appropriate support.

Available on:

TiLite TR, TiLite TRA, TiLite Aero T, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Select length based off of standard armrest length (see CMD 53).
- May not work with all chair configurations.
- · Maximum length is 4" more than standard.

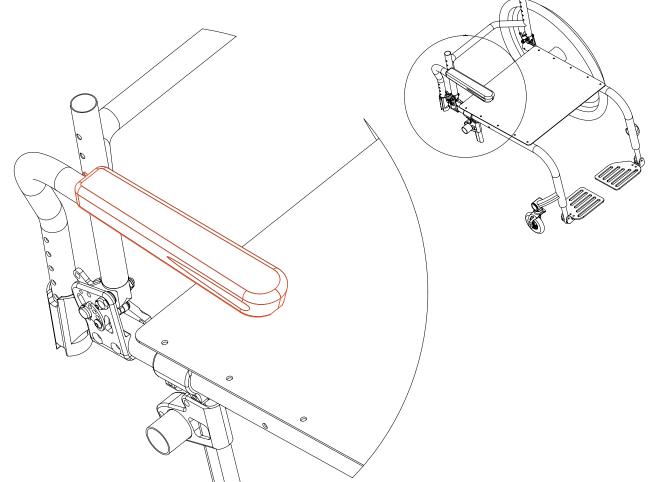
Required information

(Insert required information for CMD-E to complete this request)

Length Longer than standard:_____ (4" max)



Standard (10" long) deskarm pad on swing-away tubular armrest CMD #58



EZ-Ti ID	
PO#	

Clinical rationale

Modification for additional support for upper extremity positioning and comfort as well as functionally for repositioning and transfers while maintaining a more compact and lightweight design.

Available on:

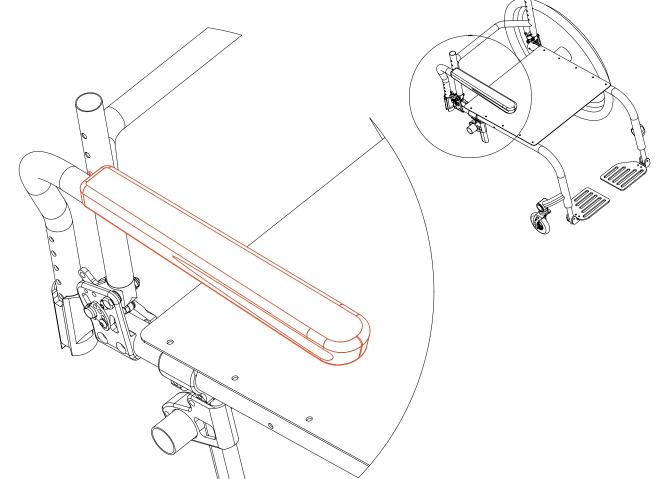
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Swing-away armrests need to be ordered with this option.
- May not work with all chair configurations.



Full (14" long) desk arm pad on swing-away tubular armrest CMD #59



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for additional support for upper extremity positioning and comfort as well as functionally for repositioning and transfers while maintaining a more compact and lightweight design.

Available on:

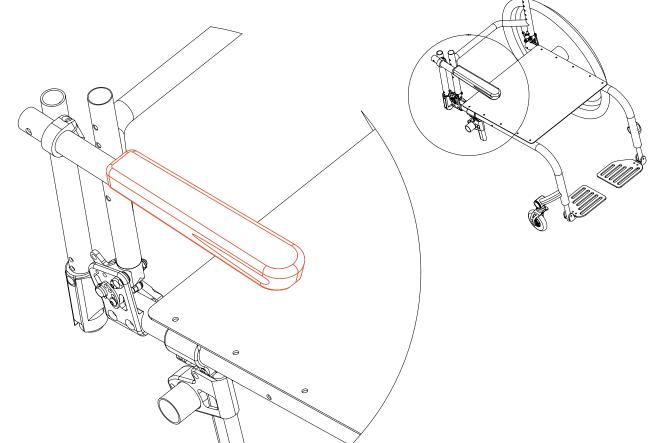
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite Aero X, TiLite 2GX

Notes:

- Folding backrest required on rigid frames.
- Swing-away armrests need to be ordered with this option.
- Full length desk arm pad attached to swing-away armrest tube.
- May not work with all chair configurations.



Standard (10" long) desk arm pad on flip-back tubular armrest CMD #66



EZ-Ti ID	
PO#	

Clinical rationale

Modification indicated for additional support for upper extremity positioning and comfort as well as functionally for repositioning and transfers while maintaining a compact and lightweight flip-back design.

Available on:

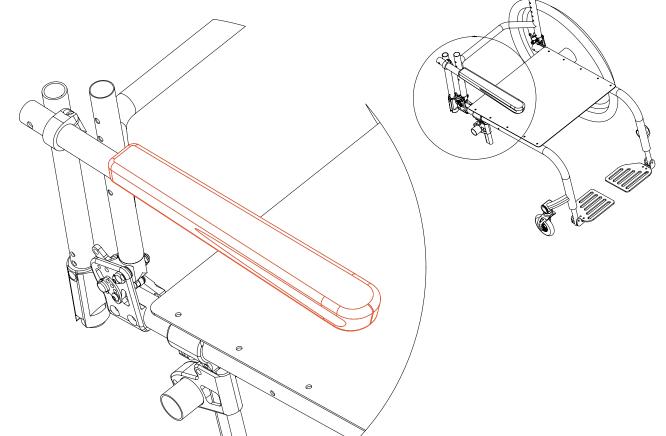
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T, TiLite Aero X, TiLite 2GX

Notes:

May not work with all chair configurations.



Standard (14" long) desk arm pad on flip-back tubular armrest CMD #67



EZ-Ti ID	
P∩#	

Clinical rationale

Modification indicated for additional support for upper extremity positioning and comfort as well as functionally for repositioning and transfers while maintaining a compact and lightweight flip-back design.

Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite Aero T, TiLite Aero X, TiLite 2GX

Notes:

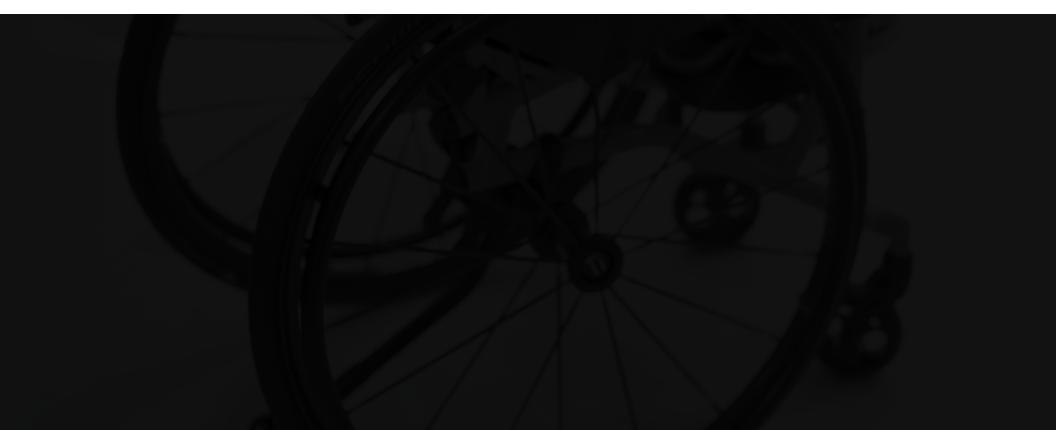
May not work with all chair configurations.



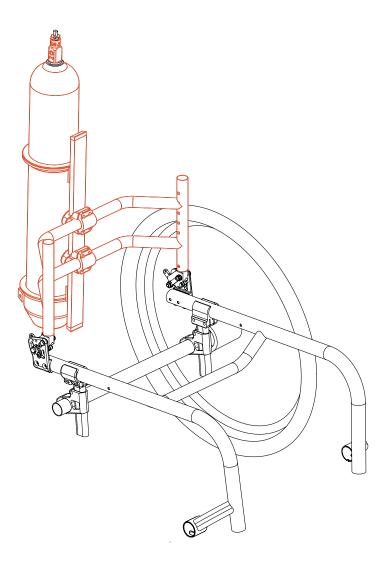


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Accessory options



Oxygen tank holder (rigid chairs) CMD #1



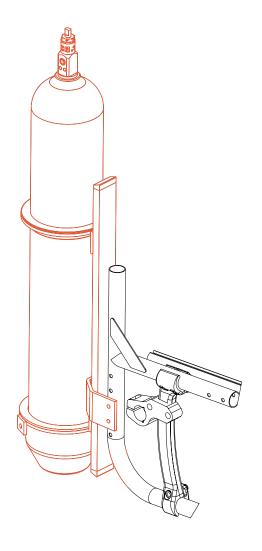
PC)#
.	
•	cal rationale
	fication indicated for clients who require supplemental oxyge
to ma	aintain oxygen saturation levels about 90%.
Avai	lable on:
	e TRA, TiLite ZRA, TiLite Aero T, TiLite Aero Z, TiLite TWIST
	, , , , , , , , , , , , , , , , , , , ,
Note	es:
•	Must have a medium or taller backrest.
•	Chair requires two backrest loops.
•	Backrest loops must be 4" or deeper.
•	Anti-tips are required.
•	May not work with all chair configurations.
	Not available with bolt on push handles.
•	
	Not available with short backrest ranges.
	Not available with short backrest ranges. Not available with tie down options.
	_
•	Not available with tie down options.
•	Not available with tie down options. Available to hold 4.3" tanks or smaller. (Tank sizes A(M-4),
•	Not available with tie down options. Available to hold 4.3" tanks or smaller. (Tank sizes A(M-4), B(M-6), C(M-9), D(M-15), E(M-24), M-2, ML-6 and M-7)
•	Not available with tie down options. Available to hold 4.3" tanks or smaller. (Tank sizes A(M-4), B(M-6), C(M-9), D(M-15), E(M-24), M-2, ML-6 and M-7) Option to mount in right, left or center.

(Insert required information for CMD-E to complete this request)

Mounting location (choose one): \square Left \square Right \square Center

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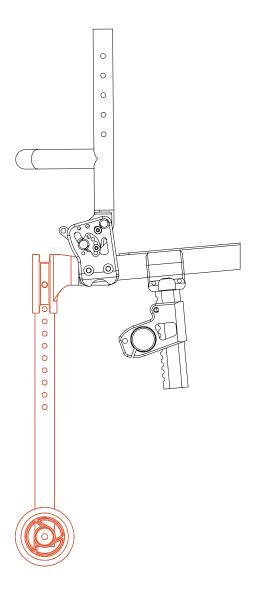
Oxygen tank holder (folding chairs) CMD #2



EZ-Ti ID	
PO#	
Clinical rationale Modification indicated for clients who require supplementa to maintain oxygen saturation levels about 90%.	l oxygen
Available on: TiLite Aero X, TiLite 2GX	
 Notes: N/A with bolt-on push handles or tie down options. Anti-tips are required with this option. Will not work with User-friendly Anti-tips. Only available in 4.3" tank sizes or smaller. (Tank siz 4), B(M-6), C(M-9), D(M-15), E(M-24), M-2, ML-6 and Oxygen tank can be mounted on right side or left sid frame. May not work with all chair configurations. 	l M-7.
Required information (Insert required information for CMD-E to complete this red Tank size meets the above parameters	ղuest)
Mounting location (choose one): Left OR Right	



Travel aids CMD #39



EZ-Ti ID	

PO#

Clinical rationale

Modification indicated for independence in carrying luggage while traveling.

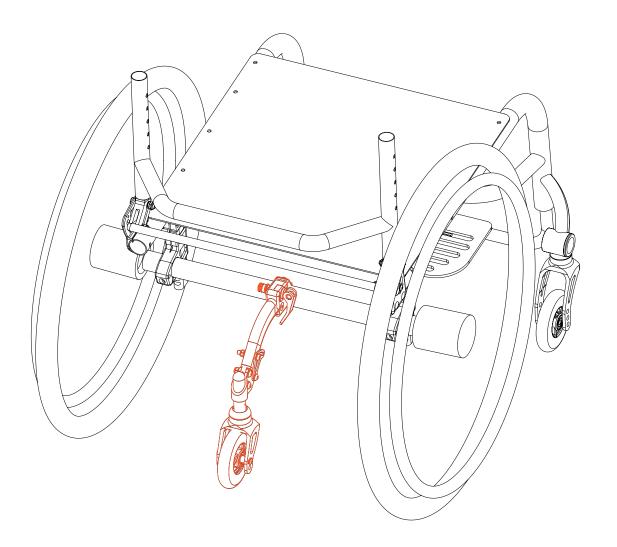
Available on:

TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- Not available with Tubular Armrests.
- 250 lb weight limit.
- May not work with all chair configurations.

TWIST style anti-tip on rigid chairs CMD #47



EZ-IIID	
DO#	

Clinical rationale

This modification is indicated for individuals who require a maneuverable and supportive anti-tipper when their front wheels are off of the ground.

Available on:

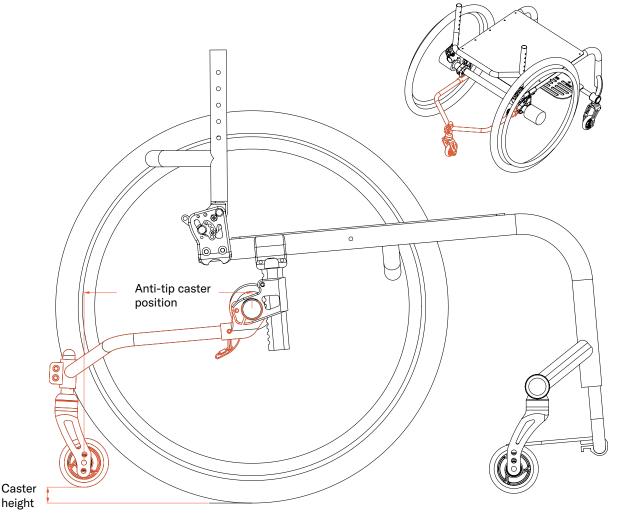
TiLite TR, TiLite TRA, TiLite ZR, TiLite ZRA, TiLite Aero T, TiLite Aero Z

Notes:

- · Only available on rigid chairs.
- Maximum user weight of 165 lb.
- Maximum chair width of 15".
- · May not work with all chair configurations.
- The camber tube for this CMD only comes in black anodize.



Titanium single swivel caster anti-tip **CMD #69**



EZ-Ti ID	
PO#	

Clinical rationale

This modification is indicated for individuals who require a maneuverable and supportive anti-tipper when their front wheels are off of the ground. This modification provides the lightweight strength of titanium.

Available on:

TiLite TR, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite TRA, TiLite Aero T, TiLite Aero X, TiLite 2GX

Notes:

- Only available on Rigid Frames.
- May not work with all chair configurations.
- Design is subject to our stability requirements.
- Wheel to floor (dimension A) = 3/8" in lowest position.
- It is recommended that when the anti-tip is used that wheel be, at most, 3/8" from the floor.

Required information

(Insert required information for CMD-E to complete this request)

Select Style	e:
☐ Flip-up	☐ Fixed

Anodized Color desired on anti-tip fork: (select color from order form)

Caster Size on 5th wheel (3, 4, 5 or 6-inch) (3-inch caster wheel will be the default if no size is selected)

Special Instructions

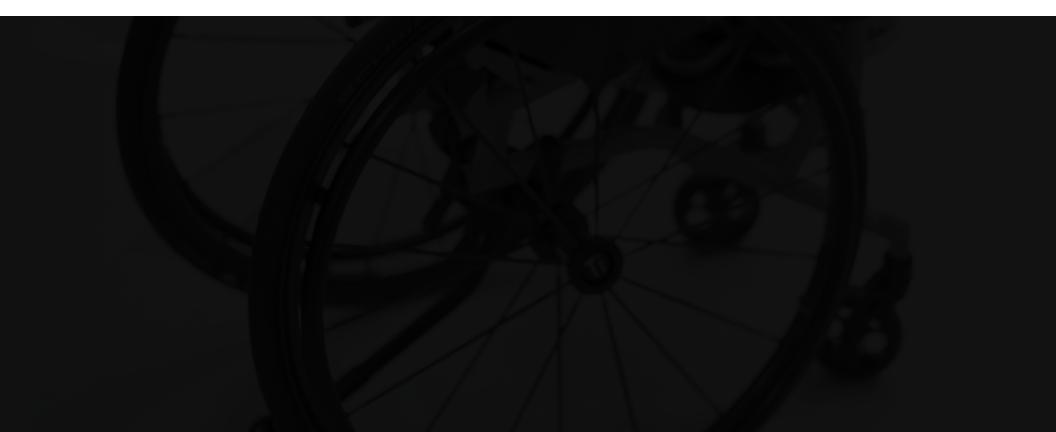
height



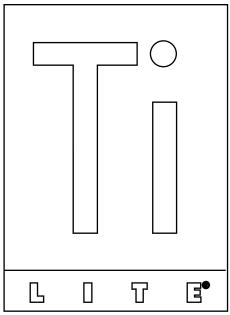


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Miscellaneous options



Legacy options (items no longer on order form) **CMD #88**



L	T	

EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated when a legacy option meets a consumer's MWC configuration needs more appropriately than current order form option.

Available on:

TiLite TR, TiLite ZR, TiLite ZRA, TiLite Aero Z, TiLite TRA, TiLite Aero T, TiLite Aero X, TiLite 2GX

Notes:

Not every legacy option will work on every wheelchair model or wheelchair configuration.

This CMD Option Includes:

- Past Order-form Option(s) (Note: These options are dependent on part availability).
- Shopping-cart style push handle (Quick release options available).
- Trim on Carbon-fiber Side guard flat panels.
- Tube-supported side guard panels.
- Zipper on iSleeves and Air-breathable Back-upholstery Pocket.
- ELR with Angle-adjustable Footrest Extension.
- Asymmetric-shaped Seat Pan.
- Tip-assist Bar Utilizing a User-friendly Anti-tip Receiver
- Abducted Hangers (may interfere with wheel locks. Desire 90°).
- Flat-top Ergo Rigid Wheelchair.
- Tab-mount Polished Handrims.
- Swing-away Armrests on Non-folding Rigid-chair Back.
- Powder-coated hub on Poly-caster wheels.
- Powder-coated forks and caps.
- Chromoly anti-tips.



Third-party ordered in items CMD #89



EZ-Ti ID	
DO#	

Clinical rationale

Required when necessary item is not included on the TiLite order form; items are shipped to TiLite for application to customer's chair.

Available on:

Case-by-case basis



Attendant wheel locks for Pilot CMD #93



EZ-Ti ID	
DO#	

Clinical rationale

Modification indicated for safety, to allow caregivers consistent access to wheel locks from the rear of the wheelchair in tight spaces, when front access is limited (transportation vehicles).

Available on:

TiLite Pilot

Notes:

This adaptation requires an extra-long bar on a Unilock wheel lock mounted with a 1" offset wheel lock clamp.



TiLite manual wheelchairs

Creative Mobility Division

2701 West Court St, Pasco, WA 99301 Phone +1 509 586 6117 | 800 545 2266

