

Wheelchair Axle-Bearing Spacing Grid

Wheelchair			Dim. " E "	Dim. " H " Required axle len	gth for Topolino WX2.5 wheels
Manufacturer	Model	Receiver Type	Receiver Length	1.90" bearing spacing	2.30" bearing spacing
Sunrise Medical / Quickie	Q7 #110847	extended collar	2.20"	No receiver modification necessary. Required axle length = 4.10" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.50" (nom. 4-1/2")
	GT #103926-000	extended collar (need to check collar length)	2.20"	No receiver modification necessary (Note: This needs confirmation). Required axle length = 4.10" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.50" (nom. 4-1/2")
	GT #481069 (XTR)	extended collar (need to check collar length)	2.20"	No receiver modification necessary (Note: This needs confirmation). Required axle length = 4.10" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.50" (nom. 4-1/2")
	Q2L #104196	3/4"-16 Threaded axle sleeve with locknut	2.19"	No receiver modification necessary. Required axle length = 4.09" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.49" (nom. 4- 1/2")
	Q2 #481065	3/4"-16 Threaded axle sleeve with locknut	2.19"	No receiver modification necessary. Required axle length = 4.09" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.49" (nom. 4- 1/2")
	LXi #481065	3/4"-16 Threaded axle sleeve with locknut	2.19"	No receiver modification necessary. Required axle length = 4.09" (nom. 4.0")	No receiver modification necessary. Required axle length = 4.49" (nom. 4- 1/2")
	LXi #481112	3/4"-16 Threaded axle sleeve with locknut	1.69"	No receiver modification necessary. Required axle length = 3.49" (nom. 3-1/2")	No receiver modification necessary. Required axle length = 3.99" (nom. 4.0")
Invacare / Top End	Terminator	3/4"-16 Threaded axle sleeve with locknut	2.25"	Need to adjust axle sleeve to extend at least 0.45" (7/16") proud of locknut. Required axle length = 4.15" (nom. 4-1/4")	No receiver modification necessary. Required axle length = 4.55" (nom. 4-1/2")
	Crossfire	3/4"-16 Threaded axle sleeve with locknut	2.25"	Need to adjust axle sleeve to extend at least 0.45" (7/16") proud of locknut. Required axle length = 4.15" (nom. 4-1/4")	No receiver modification necessary. Required axle length = 4.55" (nom. 4-1/2")
Lasher	all models?	3/4"-16 threaded axle sleeve with integral (1-1/8" oversized) head	2.13"	Not easily workable. Receiver head needs to be modified to reduce its diameter. Then add a 0.20" spacer (or washer stack) between receiver and camber tube.	No receiver modification necessary. Required axle length = 4.43" (nom. 4-1/2")
Tilite		5/8"-24 threaded axle sleeve with integral (7/8" dia.) head	2.00"	Need to add a 0.25" spacer (or washer stack) between receiver and camber tube. Required axle length = 3.9" (nom. 3-3/4" - 4.0")	No receiver modification necessary. Required axle length = 4.30" (nom. 4- 1/4" to 4-3/8")
Colours	all models*	3/4"-16 threaded axle sleeve with integral (1-1/8" oversized) head	2.50"*	Need to adjust axle sleeve to extend at least 0.45" (7/16") proud of locknut. Required axle length = 4.40" (nom. 4-1/2")	No receiver modification necessary. Required axle length = 4.83" (nom. 4-3/4")
Ki	Tsunami	M18x1.0 threaded sleeve with locknut	2.00"	Need to adjust axle sleeve to extend at least 0.45" (7/16") proud of locknut. Required axle length = 3.9" (nom. 3-3/4" - 4.0")	No receiver modification necessary. Required axle length = 4.30" (nom. 4-1/4" to 4-3/8")

Notes:

Topolino 1.90" bearing spacing corresponds to Spinergy with 1.87" bearing spacing

Topolino 2.30" bearing spacing corresponds to Spinergy with 2.30" bearing spacing.

This data is based on the limited information available as of above date

Axle length is approximate and is measured from underside of adjusting nut to near edge of the locking ball. See diagram, dimension "A"

^{*} Colours does offer a 3" long receiver as special order for high-camber application. Not applicable for Topolino everyday wheels.