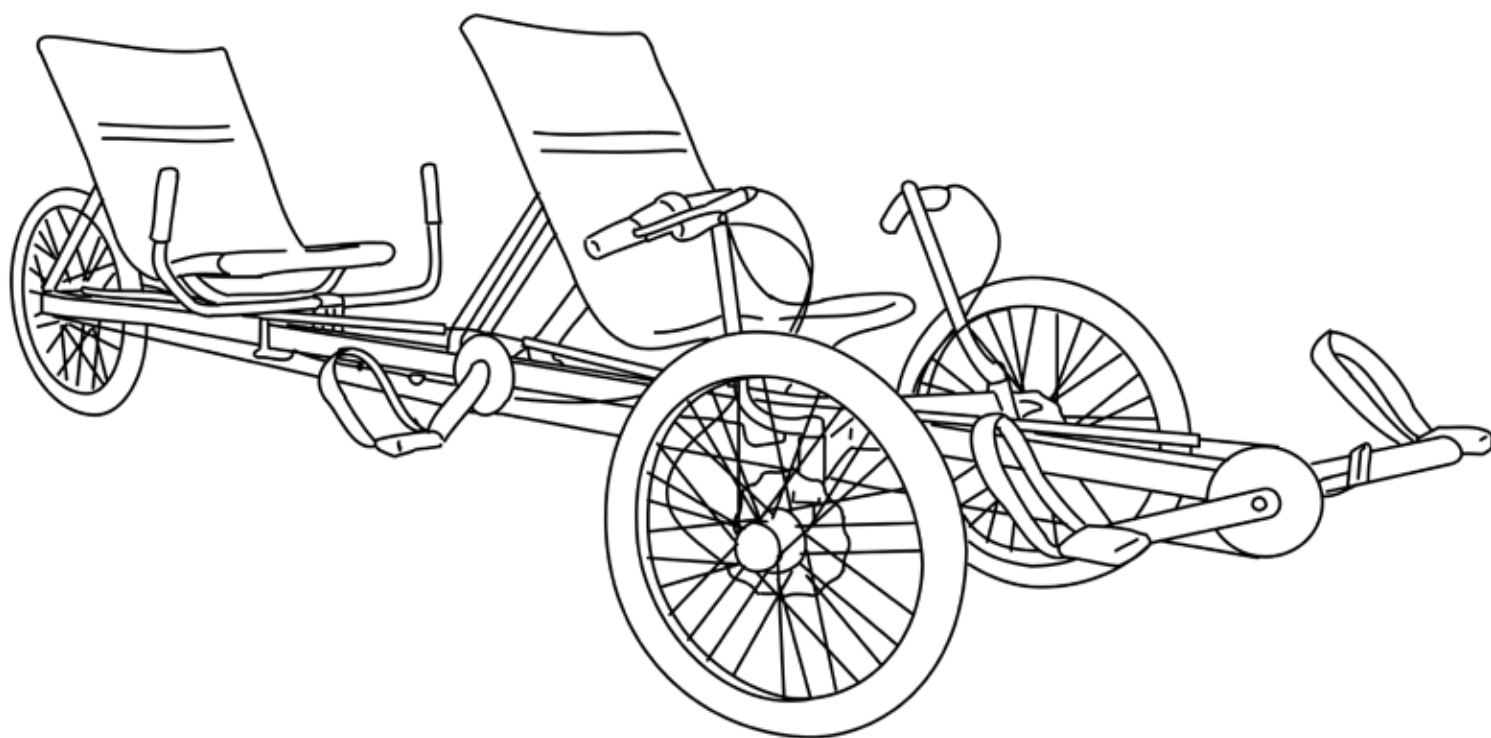




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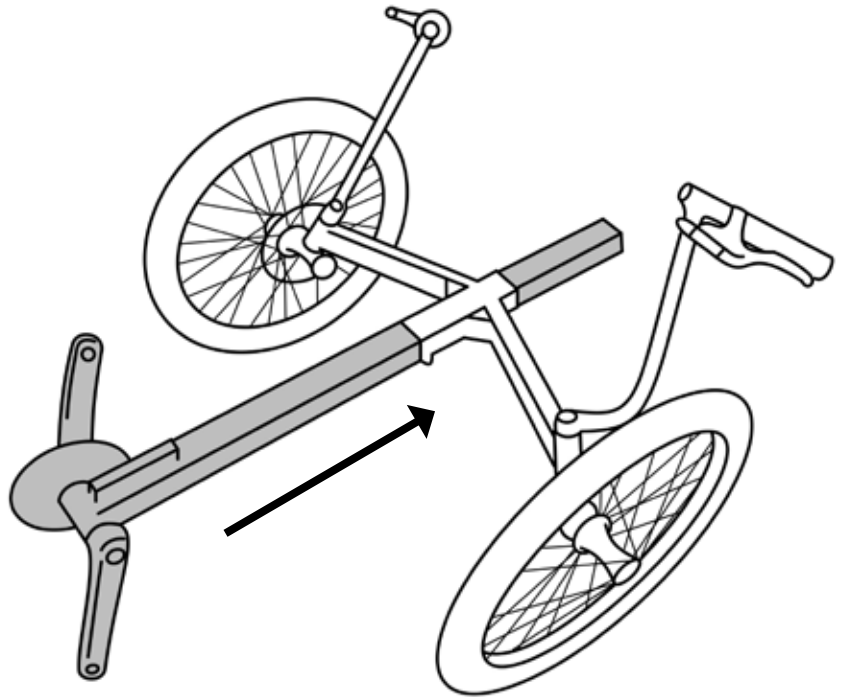


ROVER TANDEM

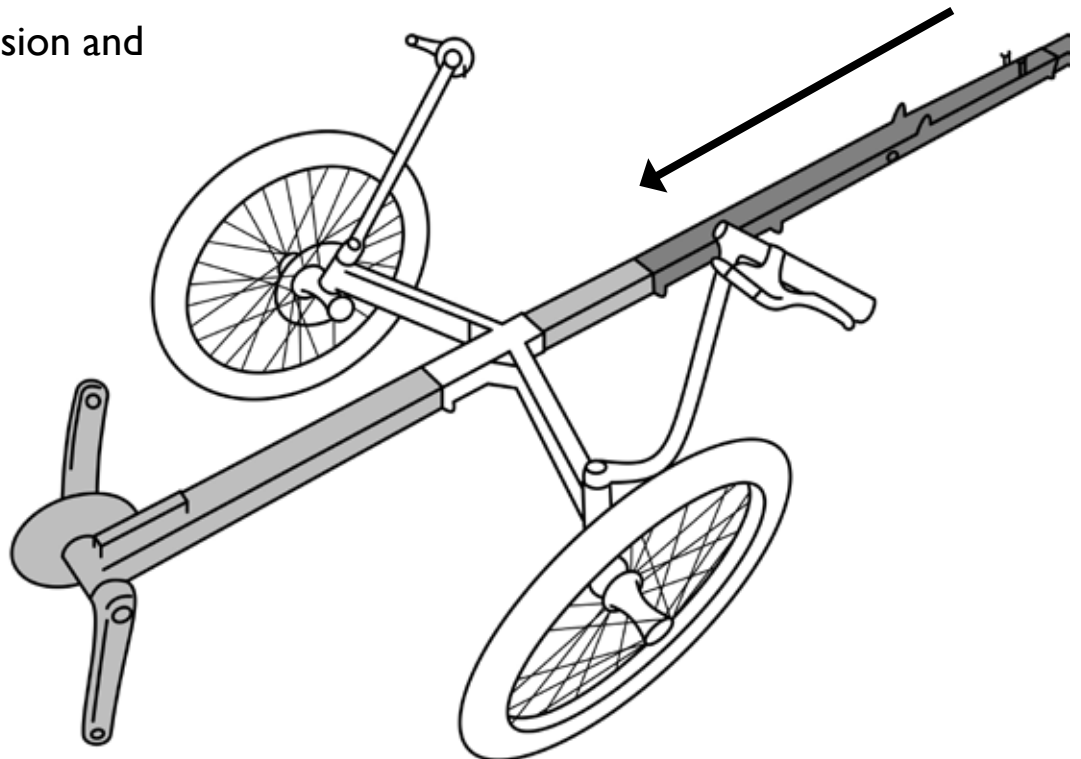
Build Notes

Frame Assembly

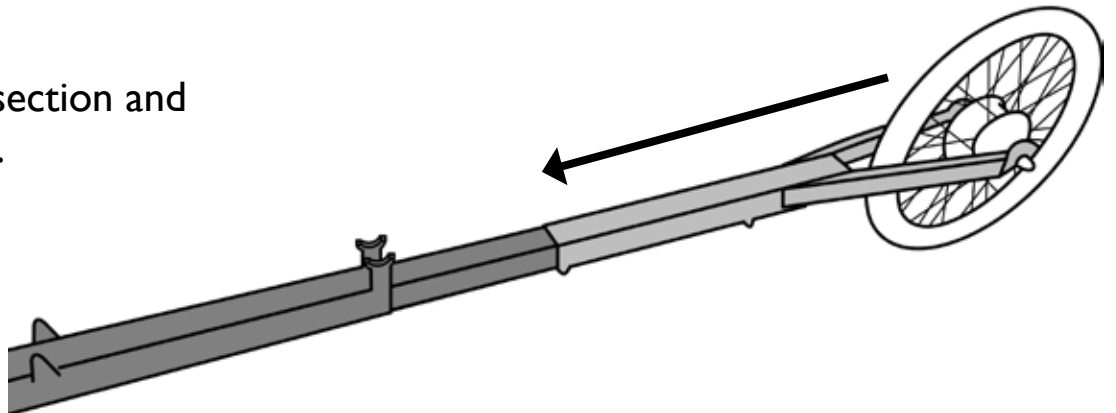
Insert boom into outrigger section and tighten set screws.



Install tandem extension and tighten set screws.

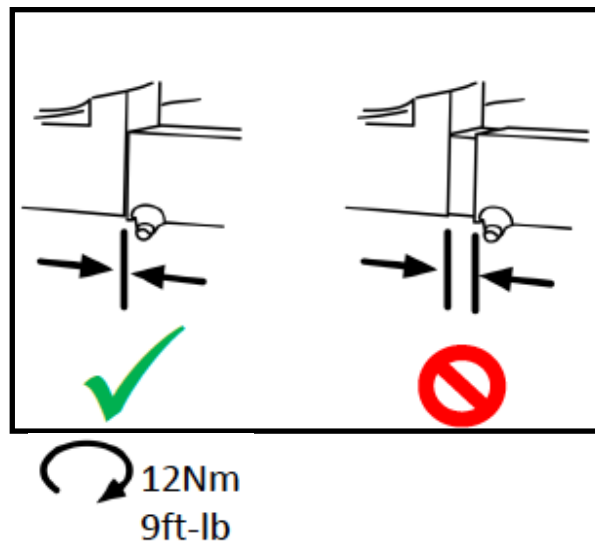


Install rear frame section and
tighten set screws.



Frame Set Screws

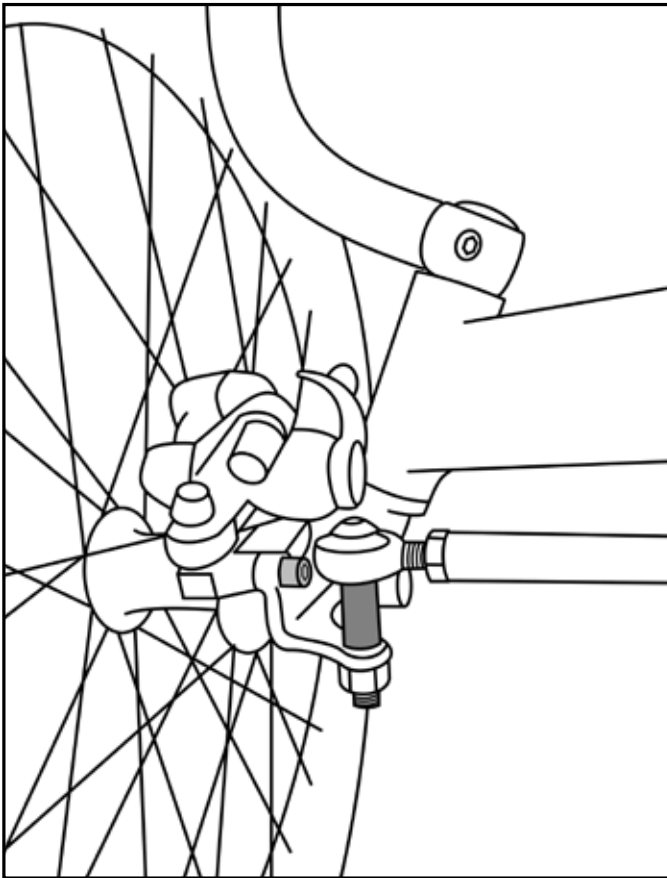
Ensure no gaps are left in the mainframe during assembly.
Tighten set screws to 12Nm.



Tie Rod Assembly

Remove M8x30 bolts from tie rod assembly and discard or keep for stock, set M8 nuts aside for final installation. Install tie rod using the M8x50 bolts and 20mm spacers located in the tandem parts kit as shown below.

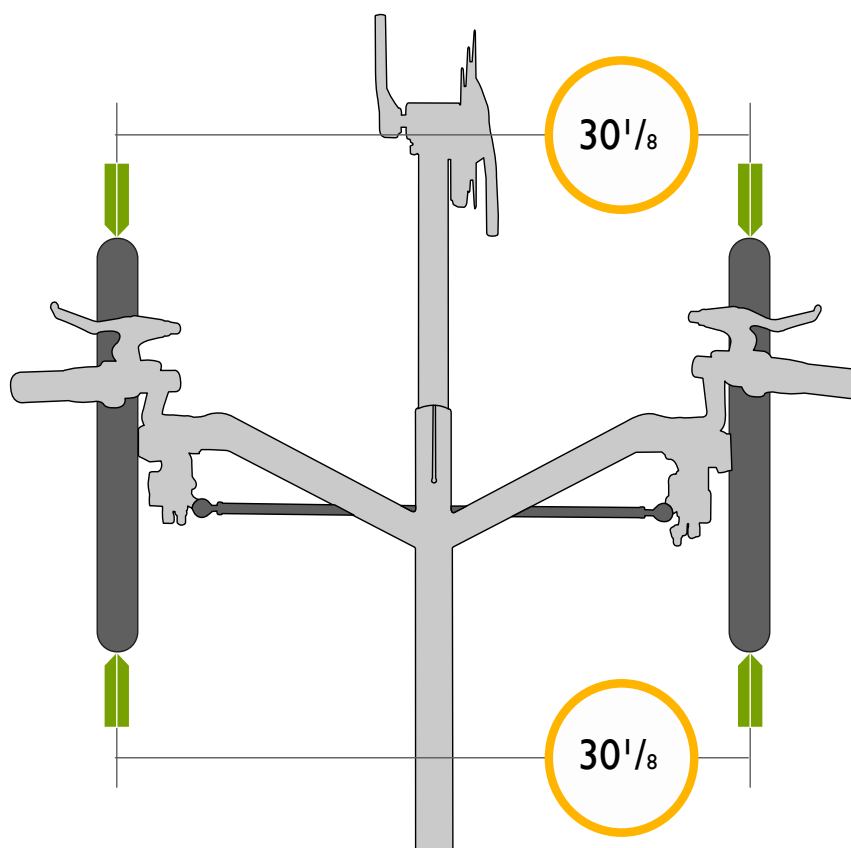
Note: Install brake rotors and calipers before installing tie rod assembly.



*Left hand tie rod assembly is preinstalled on hubmount. Remove M8x30 bolt and reassemble using the M8x50 bolt and 20mm spacer as indicated.

Alignment

Inflate tires before performing alignment. The alignment measurement is approximately $30\frac{1}{8}$ inches (center tread to center tread), though slight variance is possible. Most importantly, make sure the alignment remains neutral with a rider seated in the trike.



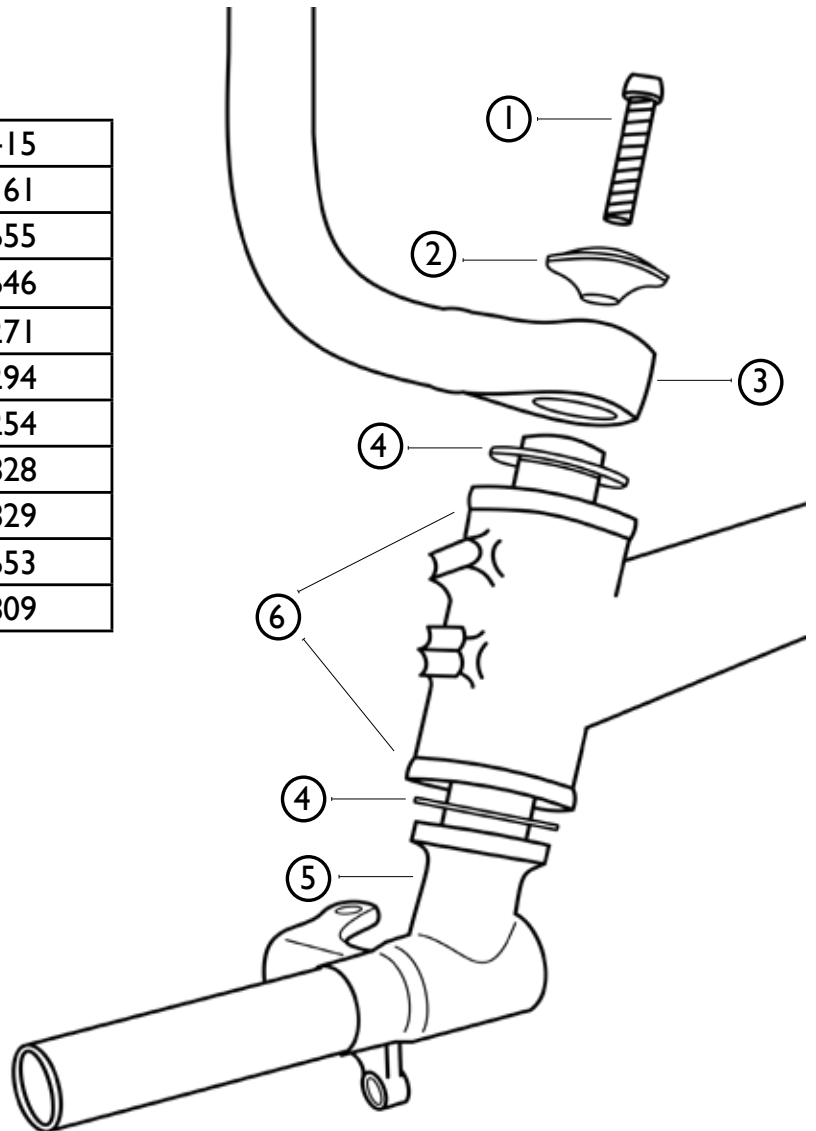
Direct Steering Stack Assembly

Assemble the steering stack as shown. Grease the steerer tube before inserting into head tube. Remove any excess grease from steerer tube before installing handlebar. Grease axle before installing wheel. Torque axle to 23-25Nm.

*Right Hand assembly depicted. Some components can be purchased individually as well as in pairs, see parts list below.

Parts List

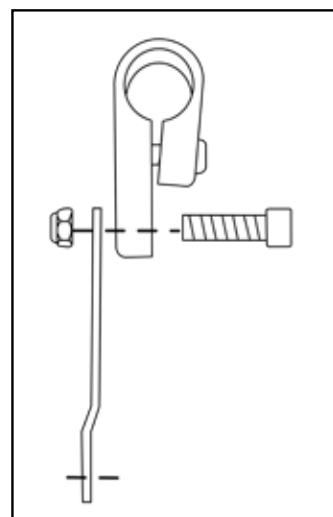
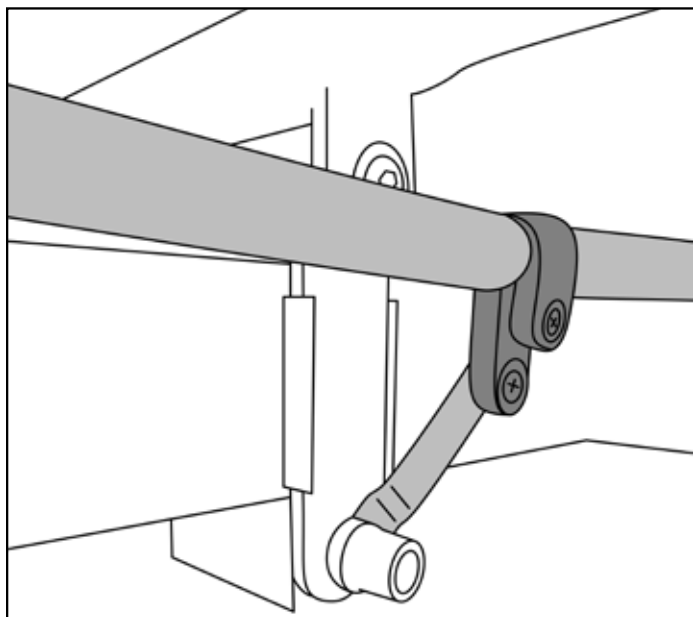
1	M6x18 Bolt	TT000415
2	Direct Steer Hubmount Cap	TT000161
3	Twist Handlebar - RH	TT000655
	Twist Handlebar - LH	TT000646
	Twist Handlebar - Pair	TT000271
	M6x16 Bolt (not pictured)	TT000294
4	M20 Washer	TT000254
5	Direct Steer Hubmount - RH	TT000828
	Direct Steer Hubmount - LH	TT000829
	Direct Steer Hubmount - Pair	TT000653
6	Bushings (pre-installed)	TT000809



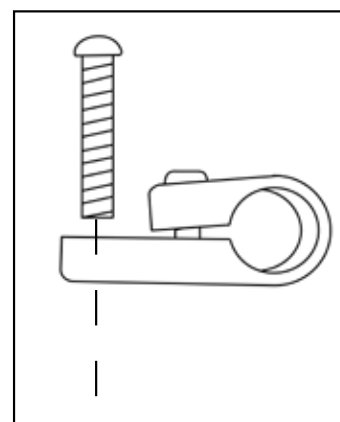
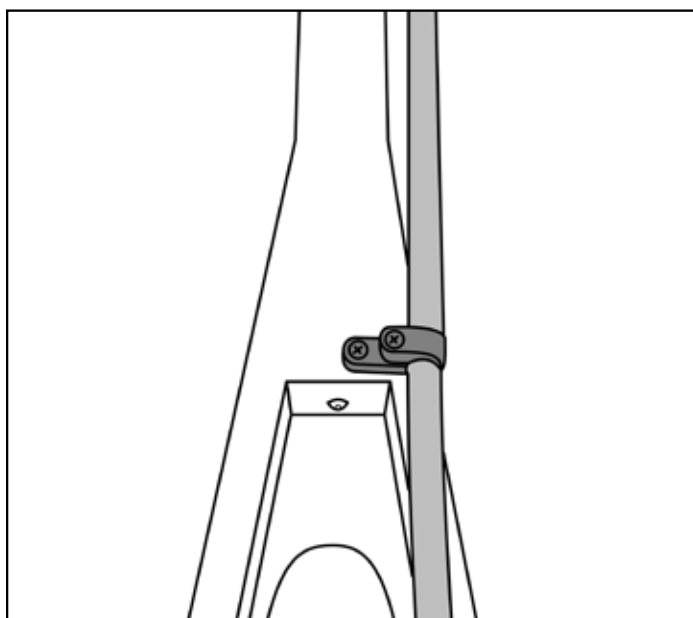
Chain Tube Setup

Mount the chain tube assemblies as shown below. Ensure the chain tubes do not rotate in the clamps after tightening the pinch bolts.

Front:



Rear:

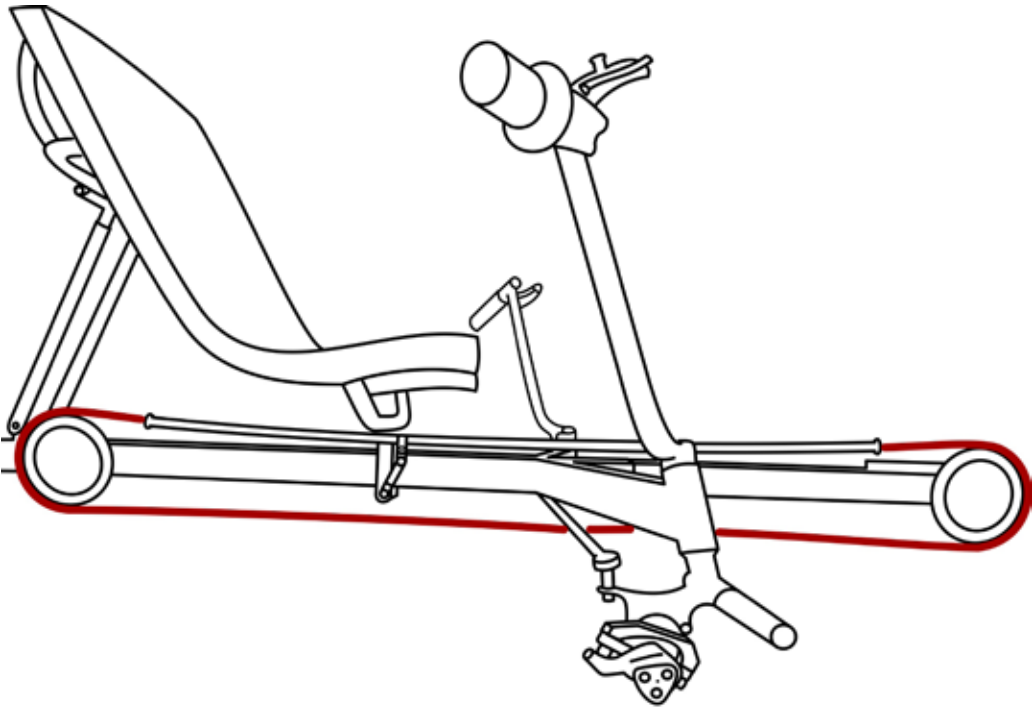


Parts List

Upper Assy. - Front	Chain Tube, 102cm LDPE	TT000540	1
	Chain Tube Clamp, Rov/Ram/Mav	TT000152	1
	Chain Tube Bracket Arm, M5,M8	TT000151	1
	M5 Nyloc Nut SS	TT000252	1
	M5x18 Pan Head (Phillips) SS	N/A	1
	M5x16 Pan Head (Phillips) SS	TT000437	1
Lower Assy. - Rear	Chain Tube, 102cm LDPE	TT000540	1
	Chain Tube Clamp, Rov/Ram/Mav	TT000152	1
	M5x18 Pan Head (Phillips) SS	N/A	1
	M5x16 Pan Head (Phillips) SS	TT000437	1

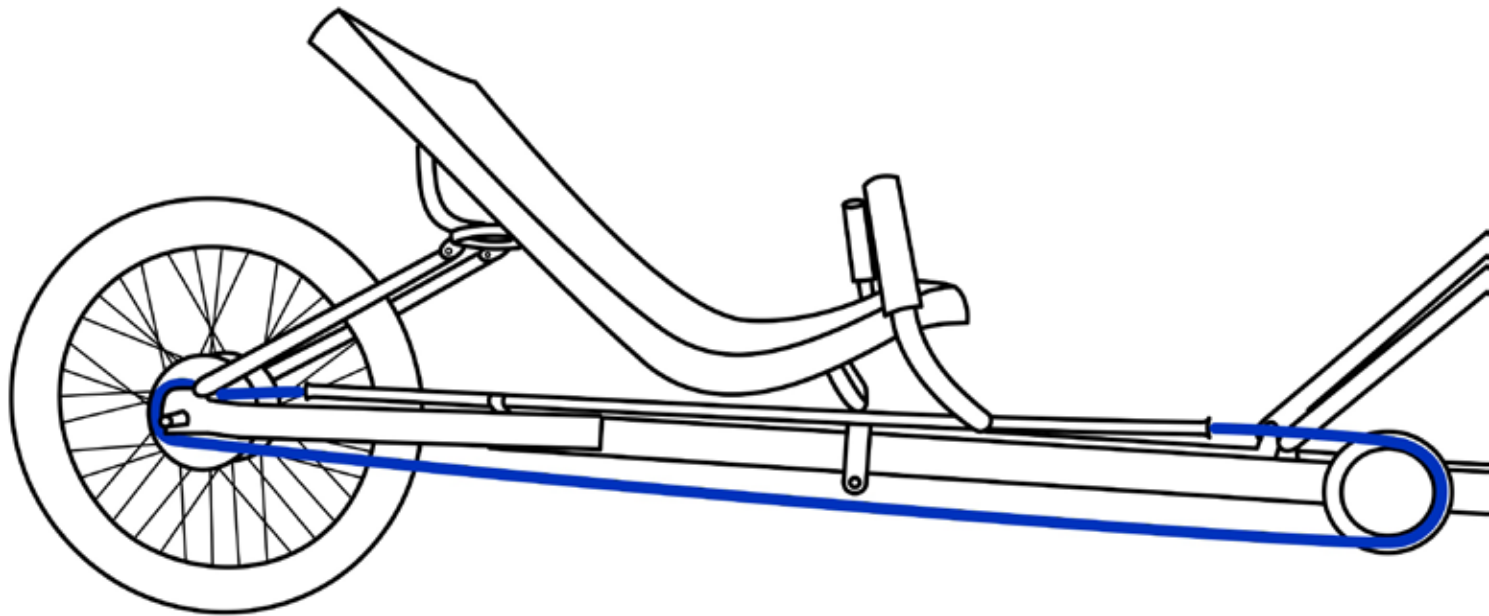


Chain Routing - Front

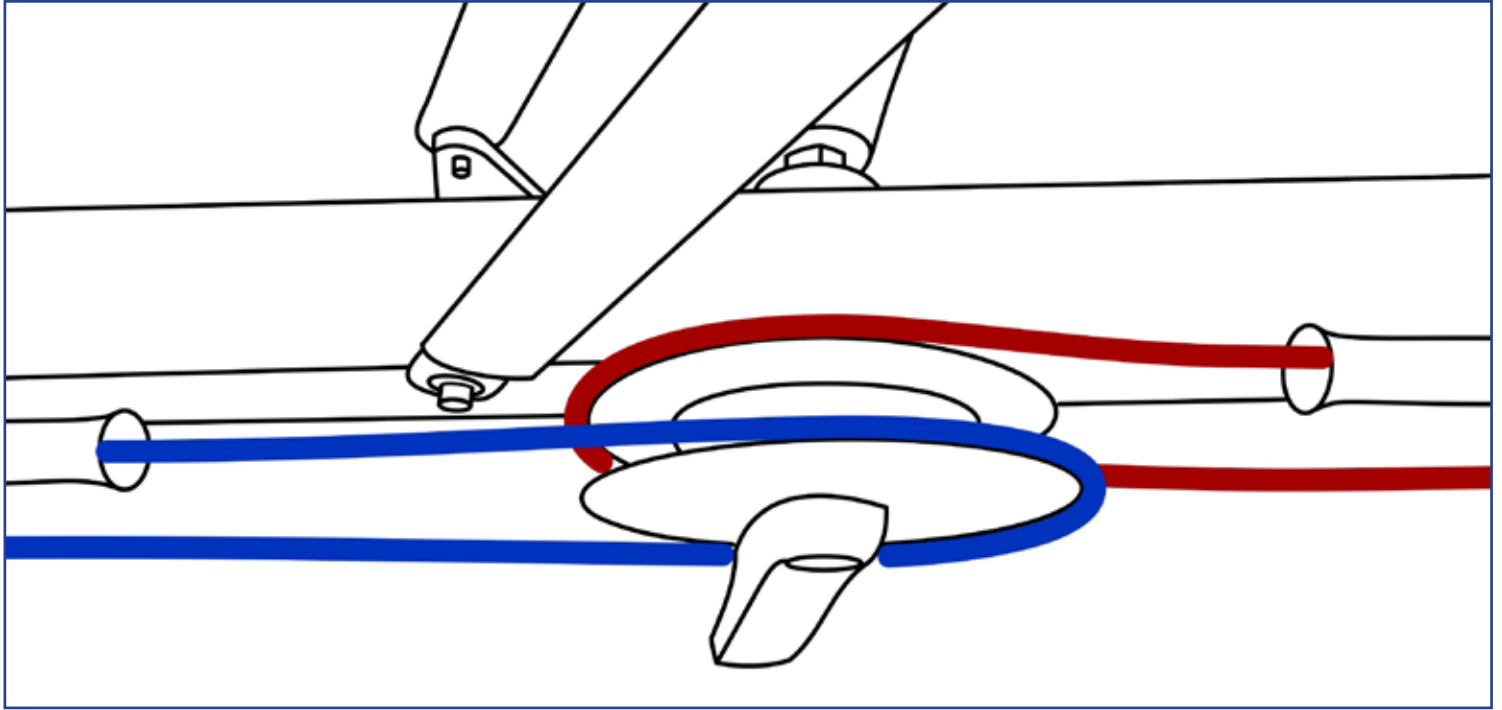


Chain Routing - Rear

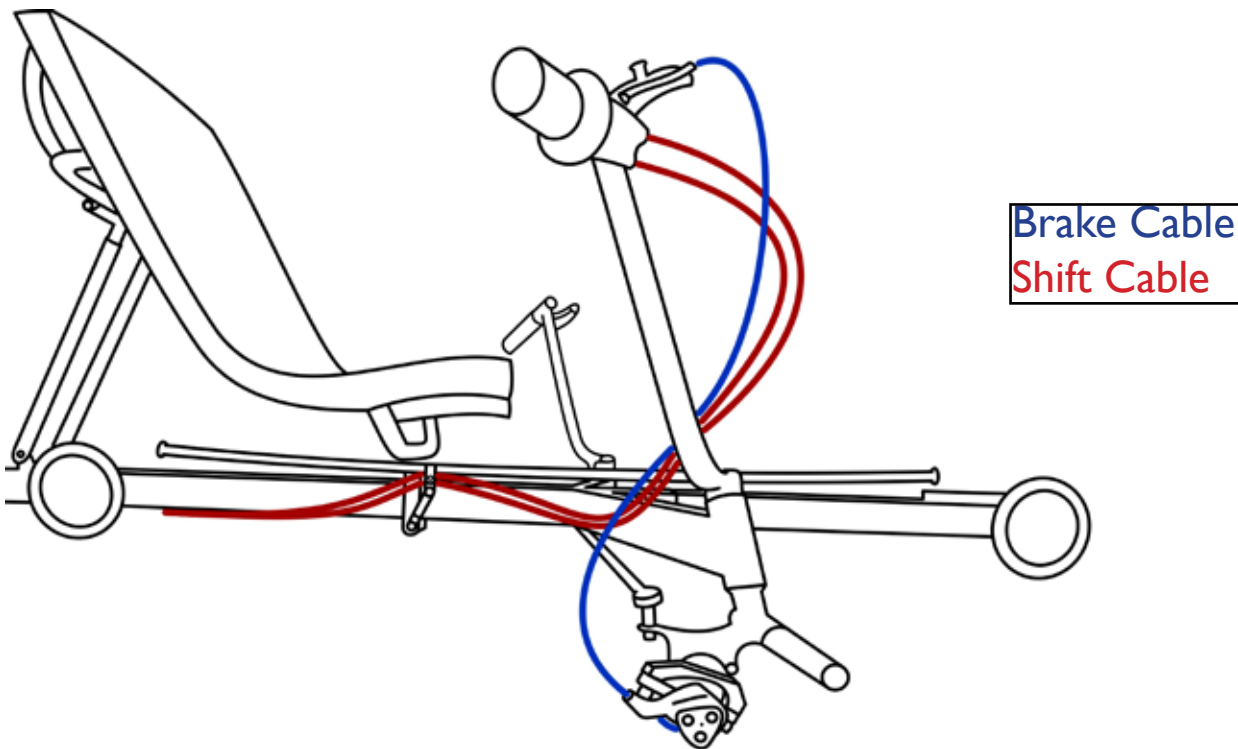
Front Chain
Rear Chain



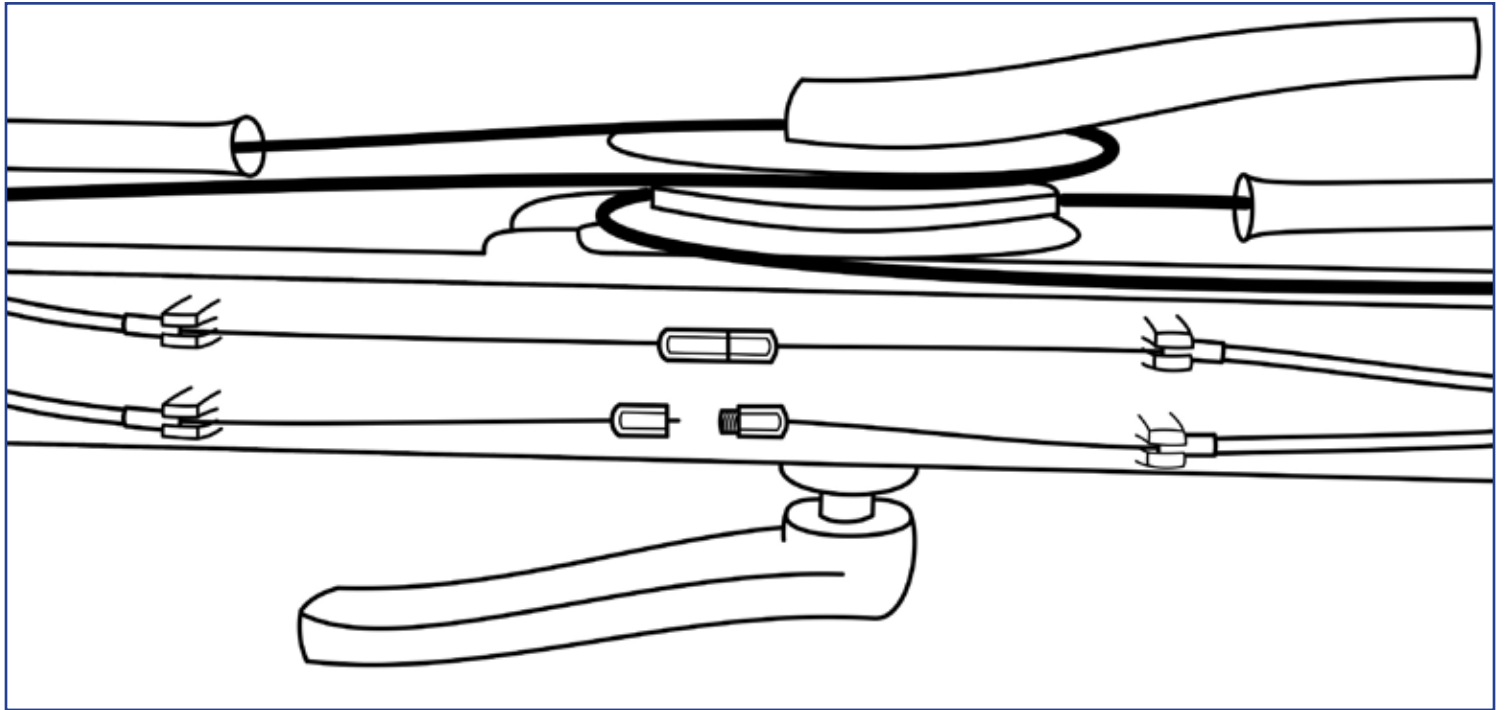
Chain Routing - Stoker Crankset



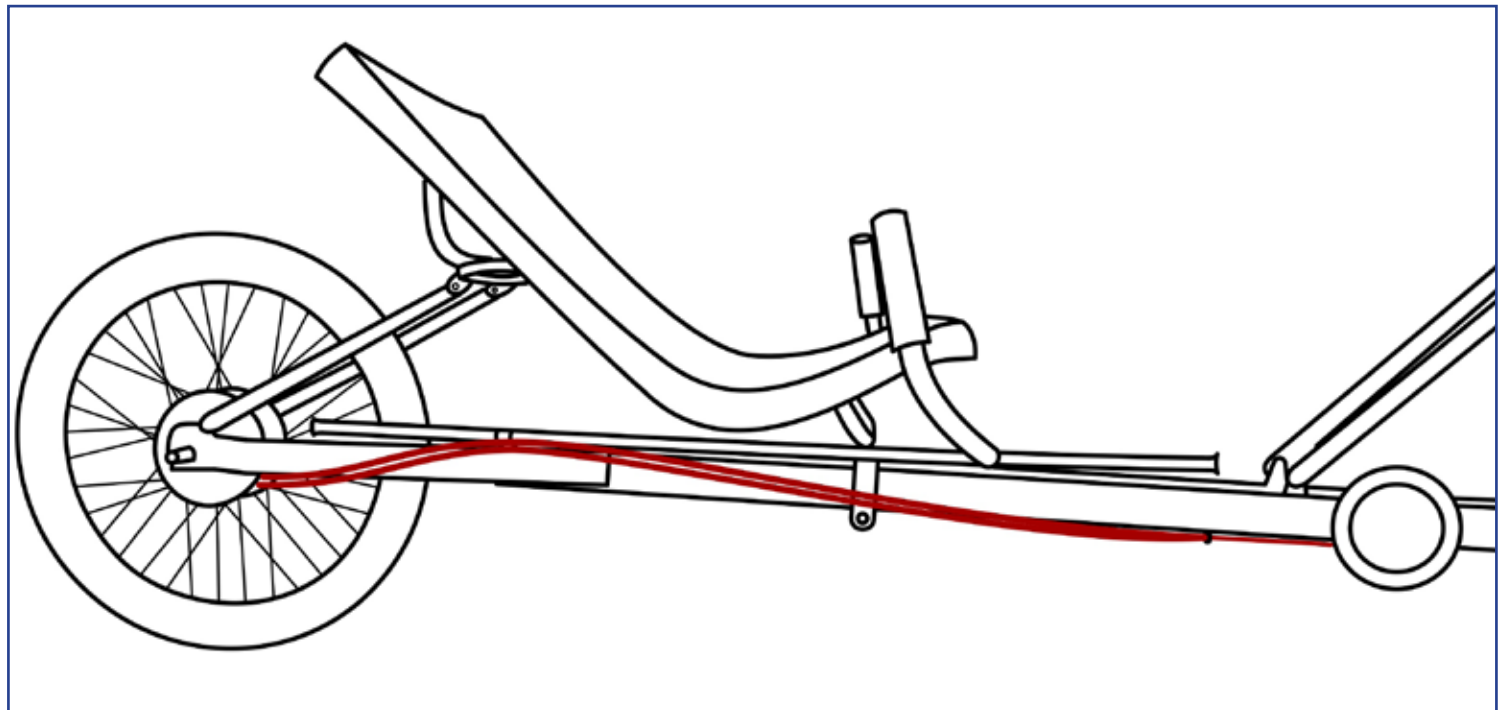
Cable Routing RH



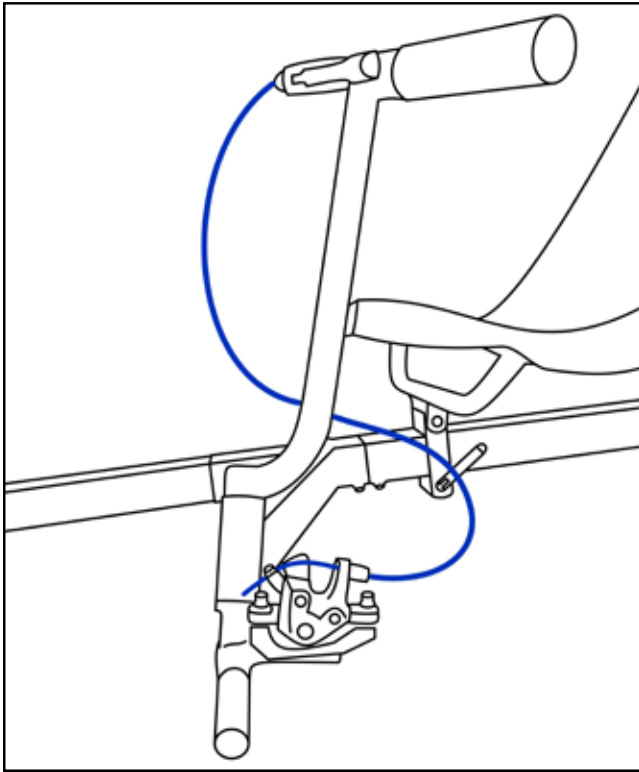
Shift Cable Routing - Cable Separators



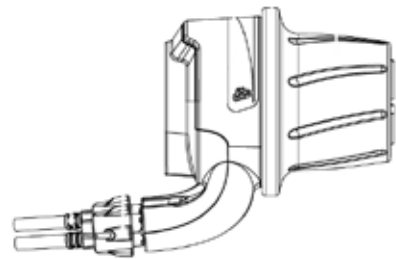
Shift Cable Routing - Rear



Cable Routing LH



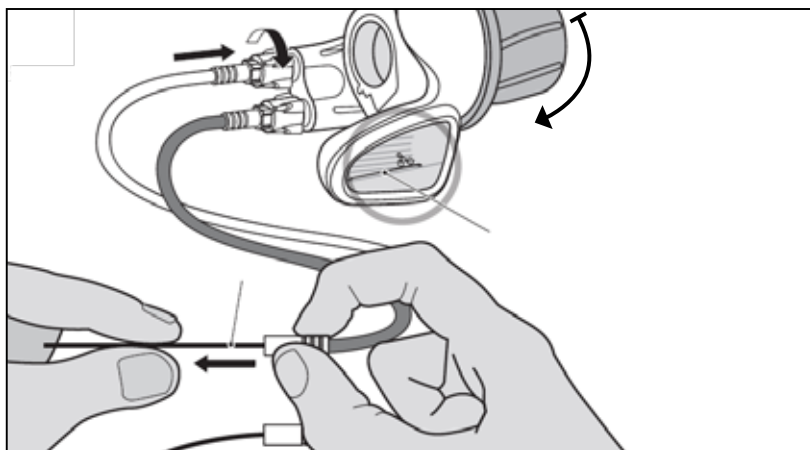
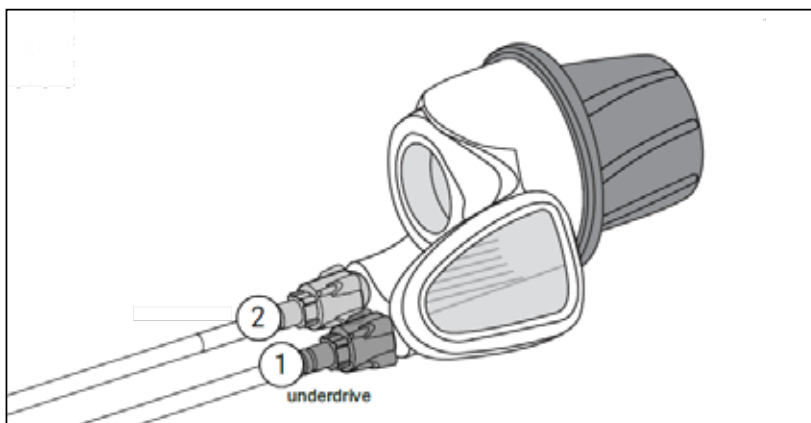
Installation of Enviolo System



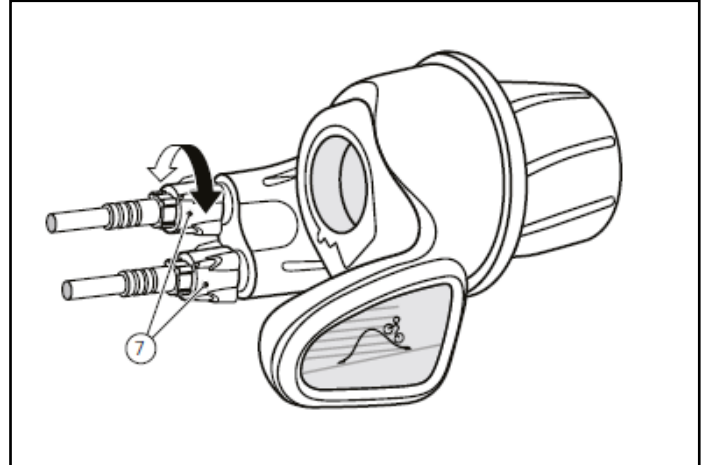
Refer to <https://support.enviolo.com/hc/en-us/sections/360003243600-Assembly-documentation>

NOTE: Depictions of the Enviolo Shifter may vary, but the installation process is the same.

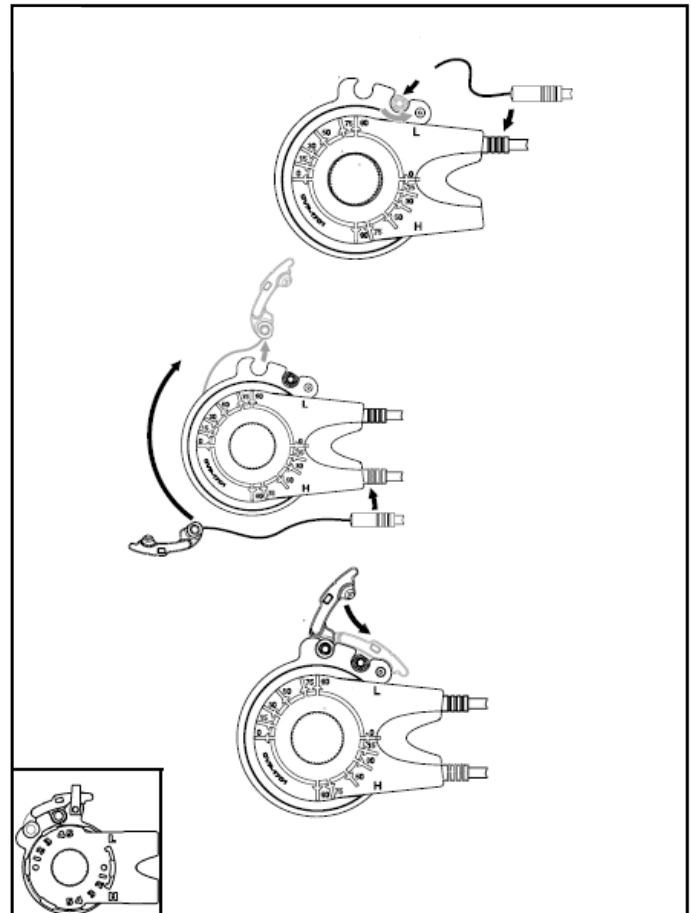
Thread both barrel adjusters completely clockwise (in) to provide maximum installation slack. Pull the underdrive shift cable (1) firmly at the rear axle location until it stops, checking to make sure that the shift indicator goes completely flat (enviolo TR and SP controllers), or that the grip rotates fully in the counter-clockwise direction shown (enviolo CT, CA and CO controller, viewed from the right side of the trike). Install cable anchor (barrel) 120mm from end of housing. Tighten set screw and trim cable.



Cable slack can be adjusted with the barrel adjusters (7) at the controller.



Ensure cable housing is properly seated in controller. Double check overdrive and underdrive cable lengths before installing into shift interface. Overdrive (latch cable anchor) 114mm from end of cable housing to anchor. Underdrive (barrel cable anchor) 120mm from end of cable housing to anchor.





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