Rapi Lock Trainer Axle

Print this sheet on a standard 29.7cm x 21cm A4 paper and use a ruler to double check 0-200 mm is print to scale.

Determine the geometry of the axle (G): Match your current axle to below illustrations to check the thread pitch, or use RapiLock threads to double check the thread pitch on the bike (TP): WARNING: Make sure RapiLock Axle thread length (TL) is ALWAYS

the same or longer than your current axle thread.

M12XP1.0 M12XP1.5 M12XP1.75

Place your current axle aligning the scale to measure the length of your axle including the thread length (Length B): Straight Axle should be measured from 0 mm; Coned Axle Should be measured from 3 mm.

WARNING: Make sure RapiLock Axle length (B) is **ALWAYS** within the range of +1/-1mm of your current axle.

II. V. 90 100 110 120 130 140 150 160 170 180 190

Knowing the axle zone II, III, or V and results of step 1-3 to choose corresponding colors from the Spec Chart on the right. WARNING: You may also need to use a cone or a spacer to complete your RapiLock Axle. Use ONLY one cone, one spacer, and one thread at most on one axle. **DO NOT** overlapping cones, spacers or threads to adjust the axle length.

Apply 6~8Nm torque to assemble each part together with a M6 screw provided ONLY.

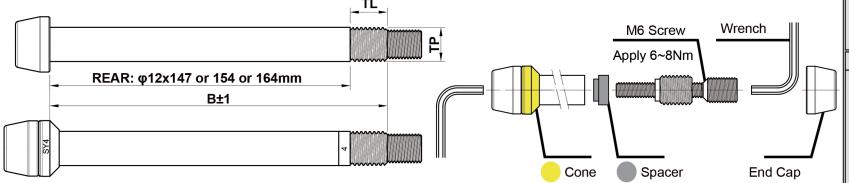
OR

Straight

SY4

Coned

Place two wrenches on both sides of the axle, then twist the M6 screw clockwise when locking the screw. Compare RapiLock Axle and your original axle to confirm G, B, TP, and TL to complete the measurement.



WARNING:

Use different screws other than provided may cause serious failure of the product. If the screw is not properly locked, the axle or the wheel can suddenly and unexpectedly fall off the bicycle, resulting in an accident, personal injury or death.

Spec Chart

Spec Chart					
Zone	G	TP	В	Ľ	\$
II. 147	Straight	P1.0	160	13	
	Straight	P1.0	164	13	
	Straight	P1.0	167	20	
	Straight	P1.0	171	20	
	Straight	P1.5	160	13	
	Straight	P1.5	162	15	
	Straight	P1.5	164	13	
	Straight	P1.5	165	18	
	Straight	P1.5	166	15	
	Straight	P1.5	169	18	
	Straight	P1.75	167	20	
	Straight	P1.75	171	20	
	Coned	P1.0	156	13	
	Coned	P1.0	160	13	
	Coned	P1.0	163	20	
	Coned	P1.0	167	20	
Zone	G	TP	В	TL	\$
Zone	G Straight	TP P1.0	B 174	TL 20	5
Zone	_				5
Zone	Straight	P1.0	174	20	
	Straight Straight	P1.0 P1.0	174 178	20 20	5
III.	Straight Straight Straight	P1.0 P1.0 P1.5	174 178 172	20 20 18	
	Straight Straight Straight Straight	P1.0 P1.0 P1.5 P1.5	174 178 172 176	20 20 18 18	
III.	Straight Straight Straight Straight	P1.0 P1.0 P1.5 P1.5 P1.75	174 178 172 176 174	20 20 18 18 20	
III.	Straight Straight Straight Straight Straight Straight	P1.0 P1.0 P1.5 P1.5 P1.75 P1.75	174 178 172 176 174 178	20 20 18 18 20 20	
III.	Straight Straight Straight Straight Straight Straight Coned	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0	174 178 172 176 174 178	20 20 18 18 20 20	
III. 154	Straight Straight Straight Straight Straight Straight Coned	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 TP	174 178 172 176 174 178 170	20 20 18 18 20 20 20 20	
III. 154	Straight Straight Straight Straight Straight Straight Coned Coned	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 TP P1.0 P1.0	174 178 172 176 174 178 170 174	20 20 18 18 20 20 20 20 TL	
III. 154	Straight Straight Straight Straight Straight Straight Coned Coned G Straight	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 P1.0 P1.0 P1.0	174 178 172 176 174 178 170 174 B	20 20 18 18 20 20 20 20 TL 20	
III. 154	Straight Straight Straight Straight Straight Coned Coned G Straight Straight Straight Straight Straight	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 TP P1.0 P1.0	174 178 172 176 174 178 170 174 B 184 188	20 20 18 18 20 20 20 20 TL 20	
III. 154 Zone	Straight Straight Straight Straight Straight Coned Coned G Straight Straight Straight	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 P1.0 P1.0 P1.0	174 178 172 176 174 178 170 174 B 184 188	20 20 18 18 20 20 20 20 TL 20 20	
III. 154	Straight Straight Straight Straight Straight Coned Coned G Straight Straight Straight Straight Straight	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 P1.0 P1.0 P1.5 P1.5	174 178 172 176 174 178 170 174 B 184 188 182	20 20 18 18 20 20 20 20 TL 20 20 18	
III. 154 Zone	Straight Straight Straight Straight Straight Coned Coned G Straight Straight Straight Straight Straight Straight Straight Straight	P1.0 P1.5 P1.5 P1.75 P1.75 P1.0 P1.0 P1.0 P1.0 P1.5 P1.5 P1.5	174 178 172 176 174 178 170 174 B 184 188 182 186	20 20 18 18 20 20 20 20 TL 20 20 18 18	