

SoRC Road Bike Component Torque Settings¹

	Manufacturer ²	Description	Nm	ft-lb	in-lb	kg-m
1	Campagnolo	Saddle rail clamp bolt	22.0	16.2	194.8	117.4
2	Campagnolo	Seat post binder bolt	10.0	7.4	88.6	53.4
3	Ritchey WCS ³	Stem clamp bolts (2)	14.7	10.8	130.2	78.4
4	Ritchey WCS ³	Handlebar clamp bolts (4)	8.8	6.5	77.9	47.0
5	Campagnolo	Brake/shift lever attachment bolt	10.0	7.4	88.6	53.4
6	Campagnolo	Front brake fork attachment bolt	10.0	7.4	88.6	53.4
7	Campagnolo	Front brake cable clamp bolt	5.0	3.7	44.3	26.7
8	Campagnolo	Rear brake frame attachment bolt	10.0	7.4	88.6	53.4
9	Campagnolo	Rear brake cable clamp bolt	5.0	3.7	44.3	26.7
10	Campagnolo	Front derailleur frame attachment bolt	7.0	5.2	62.0	37.4
11	Campagnolo	Front derailleur cable clamp bolt	5.0	3.7	44.3	26.7
12	Campagnolo	Rear derailleur hanger attachment bolt	15.0	11.1	132.8	80.0
13	Campagnolo	Rear derailleur cable clamp bolt	6.0	4.4	53.1	32.0
14	Campagnolo	Cassette lockring	50.0	36.9	442.8	266.8
15	Campagnolo	Bottom bracket cups	70.0	51.7	619.9	373.5
16	Campagnolo	Crank attachment bolts	35.0	25.8	310.0	186.8
17	Campagnolo	Chainring bolts (5)	8.0	5.9	70.8	42.7
18	Campagnolo	Pedal spindles	40.0	29.5	354.2	213.4

¹Use these numbers as guidelines only – torques are taken from the listed manufacturers' 2002 data.

²Shimano's published numbers tend to be similar to the Campagnolo torques shown (but less complete).

³Ignore Ritchey's use of "kg-cm" in their literature – their website notes on NM, ft-lb, & in-lb appear to be correct.

If you have questions, corrections, or suggestions – please e-mail: Tequila Dave