

## APPENDIX C: TORQUE REQUIREMENTS FOR SCREWS AND FASTENERS

### Torque Requirements

Item	Fastener Location / Description	Fastener Size	Tool Required	Fastener Qty	Torque Spec (N-m)
1	Stem to Handlebars	M5x0.8	4mm allen	4	4-5
2	Stem to Steering Extender	M6x1.0	5mm allen	2	10
3	Extender Star Nut	M6x1.0	5mm allen	1	8
4	Steering Column Base to Fork Steering Tube	M6x1.0	5mm allen	2	8
5	Kickstand to Bracket	M6x1.0	5mm allen	2	8
6	Rear Wheel Axle Nuts to Dropouts	3/8"	15mm wrench	2	30
7	Bottom Bracket to Frame	1.37"-24	BB Tool	2	50-70
8	Drive Arm Axle to RH Crank Arm	9/16"-20 RH	6mm allen	1	34
9	Drive Arm Axle to LH Crank Arm	9/16"-20 LH	6mm allen	1	34
10	Drive Arm Foot Basket to Drive Arm Body <i>(Aluminum Drive Arms only)</i>	M6x1.0	4mm allen	16	8
11	RH/LH Crank to Bottom Bracket	M15x1	8mm allen	2	47-54
12	Chain ring/Chain guard to RH Crank	M8x0.75	6mm allen	5	8-10
13	Track Inserts to Frame	M3x.5	2.5mm allen	8	0.8-1.0
14	Chain Tensioner to Dropout	M4x.7	3 mm allen	4	2-3
15	Chain Tensioner Bolt	M6x1.0	5mm allen	2	5-7
16	Rear Brakes to Frame	M6x1.0	5mm allen	2	5-7
17	Front Brakes to Fork	M6x1.0	5mm allen	2	5-7
18	Brake Pads to Brake Arms	M6x1.0	5mm allen	4	6-8
19	Brake Cable Anchor Bolt to Brake Arms	M6x1.0	5mm allen	2	6-8
20	Shifter Cable Inner Cable Fixing Bolt	-	wrenches	1	3
21	Gear Shifter to Handlebars	M6x1.0	5mm allen	1	5-7
22	Brake Levers to Handlebars	M5x0.8	4mm allen	2	4-5
23	Ergon GC3 Integral bar-end Grips to Handlebars <i>(On Certain Models Only)</i>	M6x1.0	5mm allen	2	8