

Beta RR Chassis Torque Table

Fastener	Size	Torque (Nm)	Notes
Frame/Subframe			
Steering Stop Screws	M8	10	Loc
Engine to Frame Bolts	M10	45	Loc
Chassis Ground Bolt	M6	5	AS/G
Motor Mount(Head Stay)to Frame Bolts	M8	30	Loc
Motor Mount(Head Stay) to Engine Bolts	M8	30	AS/G
Subframe Link Arm To Frame Bolts Lower	M8	25	Loc
Subframe to Link Arm Bolts Upper	M6	8	Loc
Subframe to Frame Bolts Upper	M8	25	Loc
Chain Shoe Bolt	M8	25	AS/G
Skid Plate Bolts	M6	8	AS/G
Seat Lock Mechanism Screws	M5	4	AS/G
Kick Stand Bolt	M8	30	AS/G
Radiator Bolts	M6	8	AS/G
Rear Brake Pedal Bolt (Nut)	M8	25	Loc
Rear Master Cylinder Bolts	M6	8	Loc
Fuel Tank Bolt Front	M6	8	AS/G
Fuel Tank Bolt Rear	M6	8	AS/G
Coil Bolts	M6	10	Loc
Regulator Bolts	M6	8	Loc
Rear Brake Pedal Toe Touch Bolts	M5	4	Loc
Swing Arm/Rear Suspension			
Upper Shock Bolt (Frame)	M10	45	AS/G
Lower Shock Bolt (Rocker)	M10	35	AS/G
Swing Arm Pivot Bolt (Nut)	M16	75	AS/G
Link to Frame Bolt	M10	45	AS/G
Link to Rocker Arm Bolt	M10	45	AS/G
Rocker Arm To Swing Arm Bolt	M10	45	AS/G
Chain Slider Bolts	M5	4	AS/G
Chain Guide Rear Bolt	M6	10	Loc
Chain Guide Front Bolt	M6	10	Loc
Front Chain Guard to Swing Arm Bolt	M5	4	Loc
Rear Brake Line Grommet Bolts	M5	4	Loc
Forks/Front End			
Front Axle Pinch Bolts (Zoke/Sachs)	M6	8	AS/G
Front Axle Pinch Bolts (KYB)	M8	14	AS/G
Upper Triple Clamp Bolts	M8	14	AS/G
Lower Triple Clamp Bolts	M8	9	AS/G
Steering Stem Pinch Bolts	M8	14	AS/G
Steering Stem Bolt		Preload	AS/G
Handle Bar Lower Clamp Allen Bolts	M8	35	Loc
Handle Bar Clamp Bolts Upper	M8	20	AS/G
Front Caliper Bolts	M8	20	AS/G
Front Axle Nut		30	AS/G
Front Disc Bolts	M6	12	Loc
Fork Protector Bolts	M6	8	AS/G

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Exhaust			
Exhaust Mount to Pipe	M6	10	AS/G
Exhaust Pipe Mount to Frame	M6	10	AS/G
Muffler Bolt Front	M6	10	AS/G
Muffler BoltRear	M6	10	AS/G
Electrical System			
Relay Bolts	M6	2	DG
Battery Bolts	M6	2	DG
Starter Lead	M6	5	DG
Front Wheel			
Front Axle Nut		30	AS/G
Front Disc Bolts	M6	14	Loc
Rear Wheel			
Rear Axle Nut	M20	75	AS/G
Rear Disc Bolts	M6	12	Loc
Rear Sprocket Bolts	M8	30	Loc
Plastic Parts			
Front Fender to Support Bolt	M6	5	AS/G
Front Fender Bracket to Triple Clamp Bolts	M6	8	AS/G
Shroud Bolts	M6	5	AS/G
Engine External			
Case and Cover Bolts	M6	8	AS/G
Kickstarter	M8	25	Loc
Transmission Drain	M12	20	
Misc Standards			
In Aluminum w/lubed thread	M5	3	AS/G
In Aluminum w/lubed thread	M6	8	AS/G
In Aluminum w/lubed thread	M8	20	AS/G
In Steel/Nut w/Loctite	M5	4	Loc
In Steel/Nut w/Loctite	M6	10	Loc
In Steel/Nut w/Loctite	M8	25	Loc

Notes:

Loc - Loctite

DG - Dielectric Grease

AS/G - Anti-Seize/Grease

Values reflect 20%-30% reduction for lubricated fasteners where applicable

Disclaimer:

These values are a non-approved alternative to those provided by Beta USA and/or Beta Motor. Use at your own risk.