

Moto Guzzi Torque Specifications

(V7 Sport, T, and T3)

Description	Part Number	Specifications			Torque kgm	Torque ft/lbs
		Diameter	Pitch	Hex		
Crankcase and covers						
Nut, short and long stud	9275-1103	10	1.5	17	4 to 4.5	29 to 32
Nut, push rod stud	1302-1900	10	1.5	10	4 to 4.5	29 to 32
Nut, stud bolts	9260-2208	8	1.25	13	2.5	18
Screw, journal bearing flange	9805-4425	8	1.25	13	3	22
Screw, cover and flange, flywheel side	9805-4425	8	1.25	13	3	22
Screw, short, cover securing	9862-0325	6	1	Allen 5	1	7
Screw, long, cover securing	9862-0335	6	1	Allen 5	1	7
Screw, cover securing	9862-0325	6	1	Allen 5	1	7
Cap, oil drain	1200-3701	20	1.5	22	5	36
Bolt, oil sump	9805-2340	6	1	10	1	7
Screw, oil breather tube	9805-4316	6	1	10	1	7
Oil filter cap	1400-4900	20	1.5	22	3	22
Screw, recovery pipe band	9805-4316	6	1	10	1	7
Bolt, hollow, oil rec. pipe	1211-6600	12	1.5	17	4	29
Cylinder head and cylinder						
Screw, rocker spindle	9805-4312	6	1	10	0.6 to 0.8	4.2 to 5.7
Screw, rocker box cover	9862-0330	6	1	Allen 5	1	7
Connecting rod						
Nut, self-locking, big end	9273-1090	9	1	14	4.6 to 4.8	33 to 35
Bolt, flywheel (10 K)	1206-7701	8	1.25	13	4.2	30
Bolt, slip ring	9805-4425	8	1.25	13	3	22
Valve gearing						
Screw, camshaft flange						
Nut, camshaft gear	9270-1187	18	1.5	26	15	108
Electrical Equipment						
Screw, Bosch starter motor	9805-2480	8	1.25	13	3	22
Screw, Bosch starter motor	9805-2490	8	1.25	13	3	22
Screw, Bosch starter motor	9805-2490	8	1.25	13	3	22
Screw, Marelli starter motor	9805-2475	8	1.25	13	3	22
Nut, Marelli starter motor	9260-2208	8	1.25	13	3	22
Nut, solenoid screw	9260-2206	6	1	10	1	22
Fuel feed						
Screw, intake pipe	9862-0435	8	1.25	13	3	22
Lubrication						
Screw, short, oil pump	9810-8042	8	1.25	13	3	
Screw, long, oil pump	9802-2455	8	1.25	13	3	22
Screw, bottom filter plate	9802-4310	6	1	10	1	7
Screw, filter box securing	9802-0435	8	1.25	13	3	22
Screw, pipe securing	9805-4430	8	1.25	13	3	22
Bolt, hollow, oil delivery	9599-0037	8	1.25	13	1.5 to 1.8	10.5 to 16
Ignition						
Bolt, generator	9862-0245	5	0.8	Allen 4	0.5	3.5
Bolt, generator back plate	9805-2430	8	1.25	13	3	22

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		Diameter	Pitch	Hex		
Engine to frame items						
Nut, front bolt	9260-2312	12	1.25	19	8	58
Nut, rear bolt	9260-2312	12	1.25	19	8	58
Gearbox						
Bolt, bearing retainer	9805-4316	6	1	10	1	7
Nut, layshaft securing	1421-9310	22	1	27	16 to 18	115 to 129
Bolt, breaker bracket	9805-4316	6	1	10	1	7
Oil filler cap	1200-2701	20	1.5	22	3	22
Oil level plug	9598-0610	10	1.5	17	2	14
Screw, lock plate	9805-5316	6	1	10	1	7
Screw, cover	9862-0325	6	1	Allen 5	1	7
Screw, cover	9862-0335	6	1	Allen 5	1	7
Nut, safety	1421-7410	16	1	24	7 to 8	50 to 57
Rear drive						
Screw, bottom plate retaining	9862-2320	6	1	Allen 5	1	7
Plug, oil filler	1200-3701	20	1.5	22	3	22
Plug, oil level and drain	9598-0610	10	1.5	17		18
Nut, bearing retainer on bevel gear	1235-6700	25	1.5	36	18 to 20	129 to 144
Bolt, crown wheel	1235-6300	8	1.25	13	4.2	31
Bolt, flange securing	9805-4425	8	1.25	13	2.5	18
Frame						
Screw, cradle to frame	9866-3630	12	1.25	Allen 10	8	58
Nut, cradle to frame screw	9260-2312	12	1.25	19	8	58
Bolt, stand securing	9805-2545	10	1.5	17	3.5	25
Nut	9260-2210	10	1.5	17	3.5	25
Screw, battery bracket	9805-4416	8	1.25	13	2.5	18
Nut	9260-2208	8	1.25	13	2.5	18
Nut, footrest screw	9260-2512	12	1.25	19	2	14
Screw, clamp	9806-2535	10	1.5	17	4.5	32
Cap nut, rear fork spindle	1454-7800	20	1	30	8	58
Bolt, tie rod to rear fork	9805-4520	10	1.5	17	4.5	32
Nut	9260-2210	10	1.5	17	4.5	32
Nut, rear drive box	9260-2208	8	1.25	13	3.5	25
Nut, rear fork screw	9260-2206	6	1	10	1	7
Nut, front fender screw	9260-2208	8	1.25	13	3	22
Screw, splash guard	9805-4320	6	1	10	1	7
Nut, self locking	9263-0106	6	1	10	1	7
Nut, rear fender tip	4540-3003	8	1.25	14	3	22
Screw, fender tip	9805-2355	6	1	10	1	7
Nut, self locking	9263-0106	6	1	10	1	7
Nut, rear seat bolt	9260-2208	8	1.25	13	3	22
Nut, self locking, tool box	9263-0106	6	1	10	0.3 to 0.5	2.5 to 3.5

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Front suspension						
Bolt, bottom yoke securing	9866-2535	10	1.5	Allen 8	4.5	32
Bolt, top linking plate	9866-2535	10	1.5	Allen 8	4.5	32
Plug, top fork	1450-4500	29	1	32	12 to 15	86 to 108
Bolt, bottom cover	9862-2535	10	1.5	Allen 8	4.5	32
Screw, damper securing	1450-4800	8	1.25	13	3	22
Bolt, fork cover to wheel spindle	9866-0540	10	1.5	Allen 8	4.5	32
Screw, headlight lug	9862-0325	6	1	Allen 5	1	7
Rear suspension						
Nut, bottom	9260-3210	10	1.5	17	4.5	32
Bolt, top	9806-4416	8	1.25	13	3	22
Front wheel and brake						
Screw, font brake lever	9810-6022	6	1	10	1	7
Nut, tie rod	9260-2206	6	1	10	1	7
Screw, operating lever	9810-6022	6	1	10	1	7
Nut, wheel spindle	9260-3316	16	1.5	24	14 to 15	101 to 107
Rear wheel and brake						
Screw, central body securing	9810-8038	8	1.25	14	3	22
Nut, body screw	9260-5008	8	1.25	13	3	22
Nut	9260-3210	10	1.5	17	4	29
Screw, cam levers	9806-2325	6	1	10	1	7
Nut, tie rod	9260-3206	10	1.5	17	4.5	32
Nut, rear fork bolt	9260-2210	16	1.5	17	4.5	32
Nut, rear wheel spindle	9260-3316	10	1.5	24	14 to 15	101 to 107
Pedals and controls						
Screw, starter pin lever	9805-2325	6	1	10	1	7
Nut, joint adjusting	9260-2206	6	1	10	1	7
Screw, lever oper; rod	9805-2325	6	1		1	7
Screw, rod clamp	9862-2320	6	1	Allen 5	1	7
Screw, ball joint	9805-2325	6	1	10	1	7
Nut, ball joint screw	9263-0106	6	1	10	1	7
Screw, gearshift lever	9805-4425	8	1.25	13	3	22
Nut, gearshift screw	9260-2406	6	1	10	1	7
Screw, lever fulcrum	9862-0330	6	1	Allen 5	1	7
Nut, clutch lever	9260-2406	6	1	10	1	7
Screw, lever fulcrum	9862-0318	6	1	Allen 5	1	7
Steering - handlebar instruments						
Bushing, steering clamping	1451-6600	25	1	32	17 to 18	122 to 129
Nut, self locking, steering rod	9263-0106	6	1	10	1	7
Nut, steering damper rod	9263-0106	6	1	10		7
Bolt, handlebar	9866-0450	8	1.25	Allen 6	3	22
Bolt, panel securing	9866-2414	8	1.25	Allen 6	2.5	18

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Electrical equipment						
Nut, coil securing	9263-0106	6	1	10	0.3 to 0.5	2.5 to 3.5
Nut, regulator screw	9260-2206	6	1	10	1	7
Nut, rectifier screw	9260-2205	5	0.8	8	0.3 to 0.5	2.5 to 3.5
Nut, self locking, brackets	9260-2208	8	1.25	13	3	22
Nut, self locking, plate screw	9263-0106	6	1	10	1	7
Nut, lock plate	9263-0106	6	1	10	1	7
Nut, starter button	9260-2206	6	1	10	1	7
Nut, courtesy light bracket	9260-2206	6	1		1	7
Fuel system						
Nut, tap connection	1410-5700	16	1	19	3	22
Bolt, tank securing	9806-2430	8	1.25	13	3	22
Nut, rubber buffer	9260-2206	6	1	10	1	7
Exhaust sytem						
Nut, muffler screw	9260-2208	8	1.25	13	3	22
Nut, band securing	9260-3206	6	1	10	1	7
Nut, securing screw	9260-3206	6	1	10	1	7