

Suzuki TL1000 Torque Specifications

Chassis	N-m	kg-m	lb-ft
Steering stem head nut	90	9	65
Steering stem lock nut	80	8	58
Steering damper bolt	23	2.3	16.5
Front fork upper clamp bolt	23	2.3	16.5
Front fork lower clamp bolt	23	2.3	16.5
Front fork cap bolt	23	2.3	16.5
Front fork inner lock nut	15	1.5	11
Front fork damper rod bolt	40	4	29
Front axle	100	10	72.5
Front axle pinch bolt	23	2.3	16.5
Handlebar set bolt	10	1	7
Handlebar clamp bolt	23	2.3	16.5
Front brake master cylinder mounting bolt	10	1	7
Front brake caliper mounting bolt	39	3.9	28
Front brake caliper housing bolt	21	2.1	15
Brake hose union bolt	23	2.3	16.5
Clutch master cylinder mounting bolt	10	1	7
Clutch hose union bolt	23	2.3	16.5
Air bleeder valve	7.5	0.75	5.5
Brake disk bolt (Front)	23	2.3	16.5
Brake disk bolt (Rear)	35	3.5	25.5
Rear brake caliper mounting bolt	26	2.6	19
Rear brake caliper housing bolt	30	3	21.5
Rear brake master cylinder mounting bolt	10	1	7
Rear brake master cylinder rod lock nut	18	1.8	13
Front footrest bracket mounting bolt	23	2.3	16.5
Front footrest bolt	39	3.9	28
Swingarm pivot shaft	15	1.5	11
Swingarm pivot nut	100	10	72.5
Swingarm pivot shaft lock nut	90	9	65
Torque link nut (Front)	28	2.8	20
Torque link nut (Rear)	35	3.5	25.5
Rear suspension rotary damper bracket bolt	23	2.3	16.5
Rear suspension rotary damper mounting bolt	50	5	36
Rear suspension rotary damper lever bolt	23	2.3	16.6
Rear suspension rotary damper cushion rod bolt	50	5	36
Rear suspension spring unit cushion lever nut	65	6.5	47
Rear suspension spring unit cushion rod bolt	65	6.5	47
Rear suspension cushion rod nut	65	6.5	47
Rear suspension spring unit mounting bolt (Upper and Lower)	50	5	36
Rear suspension spring unit height adjustor	115	11.5	83
Rear axle nut	100	10	72.5
Rear sprocket nut	60	6	43.5

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ENGINE	N-m	kg-m	lb-ft
Cylinder head cover bolt	14	1.4	10
Spark Plug	11	1.1	8
Camshaft journal holder bolt	10	1	7
Cam chain tension adjuster bolt [F]	23	2.3	16.5
Cam chain tension adjuster bolt [R]	7	0.7	5
Cam chain tension adjuster mounting bolt	10	1	7
No. 2 cam drive idle gear/sprocket shaft	40	4	29
Cam chain tensioner mounting bolt	10	1	7
Cylinder head nut [M:8]	25	2.5	18
Cylinder head nut [M:6]	10	1	7
Cylinder head bolt [M:10]	47	4.7	34
Cylinder nut [M:6]	10	1	7
Water drain bolt [M:6]	5.5	0.55	4
Air bleeder bolt [M:8]	13	1.3	9.5
Impeller securing bolt	15	1.5	11
Clutch sleeve hub nut	95	9.5	68.5
Clutch spring set bolt	10	1	7
Clutch spring support bolt	23	2.3	16.5
Oil pressure regulator	28	2.8	20
No. 1 cam drive idle gear/sprocket nut	70	7	50.5
Primary drive gear nut	115	11.5	83
Generator cover plug	15	1.5	11
Valve timing inspection plug	23	2.3	16.5
Generator rotor bolt	160	16	115.5
Starter clutch bolt	10	1	7
Generator stator set bolt	10	1	7
Generator stator clamp bolt	5.5	0.55	4
Crankshaft position sensor set bolt	5.5	0.55	4
Gearshift cam stopper bolt	10	1	7
Gearshift cam stopper plate bolt	10	1	7
Gearshift arm stopper bolt	23	2.3	16.5
Oil pressure switch	14	1.4	10
Crankcase bolt [M:6]	11	1.1	8
Crankcase bolt [M:8]	26	2.6	19
Generator cover bolt [M:6]	11	1.1	8
Clutch cover bolt [M:6]	11	1.1	8
Gearshift cover bolt [M:6]	11	1.1	8
Water pump case bolt [M:6]	11	1.1	8
Oil gallery plug [M:16]	35	3.5	25.5
Oil gallery plug [M:8]	10	1	7
Oil drain plug	23	2.3	16.5
Piston cooling oil nozzle bolt	8	0.8	6
Oil pump mounting bolt	10	1	7
Conrod bearing cap bolt (Initial)	35	3.5	25.5
Conrod bearing cap bolt (Final). After tightening to the above torque, tighten 1/4 of turn (90 degrees)			
Exhaust pipe bolt	23	2.3	16.5
Crankcase bearing retainer screw	8	0.8	6
Muffler mounting nut	23	2.3	16.5

ENGINE	N-m	kg-m	lb-ft
Muffler joint nut	25	2.5	18
Oil cooler union bolt	70	7	50.5
Speed sensor rotor bolt	13	1.3	9.5
Engine sprocket nut	115	11.5	83
Engine mounting pinch bolt	27	2.5	19.5
Engine mounting bolt/nut [M:12]	93	9.3	67.5
Engine mounting bolt/nut [M:10]	55	5.5	40
Engine mounting thrust adjuster	10	1	7
Engine mounting thrust adjuster lock nut	45	4.5	32.5
Engine mounting bracket pinch bolt	23	2.3	16.5
Engine mounting bracket bolt [M:10]	59	5.9	43
Camshaft position sensor mounting bolt	8	0.8	6
Cooling fan thermo-switch	18	1.8	13
Engine coolant temperature sensor	18	1.8	13
Intake air temperature sensor	18	1.8	13
Fuel pressure check plug	10	1	7