



ATV  
2012 Model: LT-Z400/Z  
Date: February 2011

MSRP \$7,099



White (30H)

### Key Features

1. 398 cm<sup>3</sup>, 1-cylinder, liquid-cooled, DOHC, aluminum-alloy engine with a flat torque curve and strong response over a wide rpm range.
2. Cam profiles and a large 36mm (1.4in.) throttle body with a throttle position sensor for smooth throttle response and strong engine power characteristics.
3. Lightweight engine featuring a high compression ratio, large valves, high-performance valve train and high charging efficiency.
4. Race-proven Suzuki Composite Electrochemical Materials (SCEM) plated cylinder reduces friction and improves heat transfer, durability and ring seal.
5. Lightweight forged aluminum-alloy piston for improved performance and reduced vibration.

6. Low maintenance drive chain adjustment system, automatic cam chain tensioner and electronic CDI ignition system.
7. Counter-balancer shaft reduces vibration for comfortable ride.
8. 5-speed transmission with reverse and wet multi-plate manual clutch.
9. Aluminum-alloy gear shift lever for weight reduction and lighter gear shift feeling.
10. Lightweight high-tensile steel-alloy tube frame and subframe.
11. Independent double-wishbone front suspension with preload adjustable, piggyback-reservoir shock absorbers.
12. Aluminum-alloy swingarm rear suspension featuring a single fully adjustable piggyback-reservoir shock absorber.
13. Smooth transitions between the seat, bodywork and the fuel tank contribute to rider's maneuverability.
14. Lightweight aluminum-alloy front bumper, rear grab bar and high-impact plastic skid plate.

**Limited Edition**  
MSRP \$7,099



Green/ Black (HHB)

**SPECIFICATIONS****MODEL: LT-Z400/ZL2****DIMENSIONS AND CURB MASS**

Overall length.....	1830 mm (72.0 in)
Overall width.....	1190 mm (46.9 in)
Overall height.....	1145mm (45.1 in)
Wheelbase.....	1245 mm (49.0 in)
Front track.....	960 mm (37.8 in)
Rear track.....	910 mm (35.8 in)
Ground clearance.....	265 mm (10.4 in)....E-33
Seat height.....	810 mm (31.9 in)
Curb mass.....	193kg (425 lbs)

**ENGINE**

Type.....	4-stroke, liquid-cooled, DOHC
Number of cylinders.....	1
Bore.....	90.0 mm (3.543 in)
Stroke.....	62.6 mm (2.465 in)
Displacement.....	398 cm <sup>3</sup> (24.3cu. in)
Compression ratio.....	11.3 : 1
Fuel system.....	Fuel injection
Air cleaner.....	Polyurethane foam element
Starter system.....	Electric
Lubrication system.....	Dry sump
Idle speed.....	1600 ± 100 r/min.

**DRIVE TRAIN**

Clutch.....	Wet multi-plate type
Transmission.....	5-forward and 1-reverse
Gearshift pattern, forward.....	1-down 4-up, foot operated
reverse.....	Foot/hand operated
Primary reduction ratio.....	2.960 (74/25)
Gear ratios, Low.....	2.538 (33/13)
2nd.....	1.666 (30/18)
3rd.....	1.238 (26/21)
4th.....	1.000 (23/23)
Top.....	0.846 (22/26)
Reverse.....	.2.153 (28/13)
Final reduction ratio.....	.2.857 (40/14)
Drive chain.....	RK 520SMOZ10S, 96 Links

**CHASSIS**

Front suspension.....	Independent, double wishbone, coil spring, oil damped
Rear suspension.....	Swingarm type, coil spring, oil damped
Front wheel travel.....	215 mm (8.5 in)
Rear wheel travel.....	230 mm (9.1 in)
Caster.....	6.3°
Trail.....	28.6 mm (1.13 in)
Toe-in.....	1.2mm (0.05 in)
Camber.....	-2.4°
Steering angle.....	41° (right & left)
Turning radius.....	3.3 m (10.8 ft)
Front brake.....	Disc brake, twin
Rear brake.....	Disc brake
Front tire size.....	AT22x 7 R10 tubeless
Rear tire size.....	AT20x10 R9 tubeless

**ELECTRICAL**

Ignition type.....	Electronic ignition (CDI)
Ignition timing.....	5° B.T.D.C. at 1 600 r/min
Spark plug.....	NGK CR7E or DENSO U22ESR-N
Battery.....	12V 28.8 kC (8 Ah)/10 HR
Generator.....	Three-phase A.C. generator
Main fuse.....	20A
Fan fuse.....	10A
Headlight.....	12V 40/40W
Brake light/Taillight.....	12V 21/5W
Neutral indicator light.....	12V 1.7W
Reverse indicator light.....	12V 1.7W
FI/Coolant temperature indicator light.....	12V 1.7W
Low fuel indicator light.....	12V 3.4W

**CAPACITIES**

Fuel tank .....	9.1 L (2.4/2.0 US/Imp gal)
Engine oil, oil change.....	2000 ml (2.1/1.8 US/Imp qt)
With filter change.....	2100 ml (2.2/1.8 US/Imp qt)
Overhaul.....	2200 ml (2.3/1.9 US/Imp qt)
Coolant .....	1.2 L (1.3/1.1 US/Imp qt)

## SERVICE DATA

### Valve + Valve guide

Unit: mm (in)

Item	Standard		Limit
Valve diam.	IN.	36.0 (1.42)	—
	EX.	29.0 (1.14)	—
Tappet clearance (When cold)	IN.	0.10 – 0.20 (0.004 – 0.008)	—
	EX.	0.20 – 0.30 (0.008 – 0.012)	—
Valve guide to valve stem clearance	IN.	0.010 – 0.037 (0.0004 – 0.0015)	—
	EX.	0.030 – 0.057 (0.0012 – 0.0022)	—
Valve stem deflection	IN. & EX.	—	0.35 (0.014)
Valve guide I.D.	IN. & EX.	5.000 – 5.012 (0.1969 – 0.1973)	—
Valve stem O.D.	IN.	4.975 – 4.990 (0.1959 – 0.1965)	—
	EX.	4.955 – 4.970 (0.1951 – 0.1957)	—
Valve stem runout	IN. & EX.	—	0.05 (0.002)
Valve head thickness	IN. & EX.	—	0.5 (0.02)
Valve seat width	IN. & EX.	0.9 – 1.1 (0.035 – 0.043)	—
Valve head radial runout	IN. & EX.	—	0.03 (0.001)
Valve spring free length	IN. & EX.	—	38.8 (1.53)
Valve spring tension	IN. & EX.	182 – 210 N (18.6 – 21.4 kgf, 41.0 – 47.2 lbs) at length 31.5 mm (1.24 in)	—

### Camshaft + Cylinder head

Unit: mm (in)

Item	Standard		Limit
Cam height	IN.	36.190 – 36.240 (1.4248 – 1.4268)	35.890 (1.4130)
	EX.	34.920 – 34.970 (1.3748 – 1.3768)	34.620 (1.3630)
Camshaft journal oil clearance	IN. & EX.	0.019 – 0.053 (0.0007 – 0.0021)	0.150 (0.0059)
Camshaft journal holder I.D.	IN. & EX.	22.012 – 22.025 (0.8666 – 0.8671)	—
Camshaft journal O.D.	IN. & EX.	21.972 – 21.993 (0.8650 – 0.8659)	—
Camshaft runout	—		0.10 (0.004)
Cam chain pin (at arrow “3”)	15th pin		—
Cylinder head distortion	—		0.05 (0.002)

### Cylinder + Piston + Piston ring

Unit: mm (in)

Item	Standard		Limit
Compression pressure (Automatic decomp. actuated)	Approx. 1 100 kPa (11.0 kgf/cm <sup>2</sup> , 156 psi)		—
Piston-to-cylinder clearance	0.030 – 0.040 (0.0012 – 0.0016)		0.120 (0.0047)
Cylinder bore	90.000 – 90.015 (3.5433 – 3.5439)		Nicks or Scratches
Piston diam.	89.965 – 89.980 (3.5419 – 3.5425) Measure at 15 mm (0.6 in) from the skirt end.		89.880 (3.5386)
Cylinder distortion	—		0.05 (0.002)
Piston ring free end gap	1st	R	Approx. 6.9 (0.27)
	2nd	R	Approx. 11.5 (0.45)
Piston ring end gap	1st	R	0.08 – 0.20 (0.003 – 0.008)
	2nd	R	0.08 – 0.20 (0.003 – 0.008)
Piston ring-to-groove clearance	1st	—	0.180 (0.0071)
	2nd	—	0.150 (0.0059)

Item	Standard		Limit
Piston ring groove width	1st	0.78 – 0.80 (0.0307 – 0.0315)	—
		1.30 – 1.32 (0.0512 – 0.0520)	—
	2nd	0.81 – 0.83 (0.0319 – 0.0327)	—
Piston ring thickness	1st	2.01 – 2.03 (0.0791 – 0.0799)	—
		0.71 – 0.76 (0.0280 – 0.0299)	—
	2nd	1.08 – 1.10 (0.0425 – 0.0433)	—
Piston pin bore	0.77 – 0.79 (0.0303 – 0.0311)		—
Piston pin O.D.	20.002 – 20.008 (0.7875 – 0.7877)		20.030 (0.7886)
	19.995 – 20.000 (0.7872 – 0.7874)		19.980 (0.7866)

### Conrod + Crankshaft

Unit: mm (in)

Item	Standard	Limit
Conrod small end I.D.	20.010 – 20.018 (0.7878 – 0.7881)	20.040 (0.7890)
Conrod deflection	—	3.0 (0.12)
Conrod big end side clearance	0.30 – 0.65 (0.012 – 0.026)	1.0 (0.04)
Conrod big end width	21.75 – 21.80 (0.856 – 0.858)	—
Crank web to web width	61.9 – 62.1 (2.43 – 2.44)	—
Crankshaft runout	—	0.08 (0.003)

### Oil pump

Item	Standard	Limit
Oil pressure (at 60 °C, 140 °F)	20 – 60 kPa (0.2 – 0.6 kgf/cm <sup>2</sup> , 2.8 – 8.5 psi) at 3 000 r/min	—

### Clutch

Unit: mm (in)

Item	Standard	Limit
Clutch cable play	5 – 10 (0.2 – 0.4)	—
Drive plate thickness	(No. 1, No. 2 & No. 3) 2.92 – 3.08 (0.115 – 0.121)	2.62 (0.103)
Drive plate claw width	(No. 1, No. 2 & No. 3) 13.7 – 13.8 (0.539 – 0.543)	13.2 (0.520)
Driven plate distortion	—	0.10 (0.004)
Clutch spring free length	52.5 (2.07)	49.9 (1.96)

### Drive train + Drive chain

Unit: mm (in) Except ratio

Item	Standard	Limit	
Primary reduction ratio	2.960 (74/25)	—	
Final reduction ratio	2.857 (40/14)	—	
Gear ratios	Low	2.538 (33/13)	—
	2nd	1.666 (30/18)	—
	3rd	1.238 (26/21)	—
	4th	1.000 (23/23)	—
	Top	0.846 (22/26)	—
	Reverse	2.153 (28/13)	—
Gear shift fork to groove clearance	0.1 – 0.3 (0.004 – 0.012)	0.5 (0.020)	
Gear shift fork groove width	5.0 – 5.1 (0.197 – 0.201)	—	
Gear shift fork thickness	4.8 – 4.9 (0.189 – 0.193)	—	
Drive chain	Type	RK520SMOZ10S	—
	Links	96	—
	20-pitch length	—	319.4 (12.57)
Drive chain slack	30 – 40 (1.2 – 1.6)	—	

### Thermostat + Radiator + Fan + Coolant

Item	Standard		Note
Thermostat valve opening temperature	Approx. 76.5 °C (170 °F)		—
Thermostat valve lift	Over 4.5 mm (0.18 in) and at 90 °C (194 °F)		—
ECT sensor resistance	20 °C (68 °F)	Approx. 2.57 kΩ	—
	50 °C (122 °F)	Approx. 0.77 kΩ	—
	80 °C (176 °F)	Approx. 0.27 kΩ	—
	110 °C (230 °F)	Approx. 0.11 kΩ	—
Radiator cap valve opening pressure	108 – 137 kPa (1.08 – 1.37 kgf/cm <sup>2</sup> , 15.4 – 19.5 psi)		—
Cooling fan operating temperature	OFF → ON	Approx. 98 °C (208 °F)	—
	ON → OFF	Approx. 93 °C (199 °F)	—
Engine coolant type	Use an antifreeze/coolant compatible with aluminum radiator, mixed with distilled water only, at the ratio of 50:50.		—
Engine coolant including reserve	Reserve tank side	250 ml (0.3/0.2 US/lmp qt)	—
	Engine side	900 ml (1.0/0.8 US/lmp qt)	—

### Injector + Fuel pump + Fuel pressure regulator

Item	Specification	Note
Injector resistance	9 – 17 Ω at 20 °C (68 °F)	
Fuel pump discharge amount	84 ml (2.8/3.0 US/lmp qt) and more/10 sec.	
Fuel pressure regulator operating set pressure	Approx. 294 kPa (2.94 kgf/cm <sup>2</sup> , 42 psi)	

### FI sensors

Item	Specification	Note	
CKP sensor resistance	400 – 600 Ω		
CKP sensor peak voltage	1.0 V and more	When cranking	
IAP sensor input voltage	4.5 – 5.5 V		
IAP sensor output voltage	Approx. 1.7 V at idle speed		
TP sensor input voltage	4.5 – 5.5 V		
TP sensor resistance	Closed	Approx. 0.6 kΩ	
	Opened	Approx. 3.8 kΩ	
TP sensor output voltage	Closed	Approx. 0.6 V	
	Opened	Approx. 3.8 V	
ECT sensor input voltage	4.5 – 5.5 V		
ECT sensor output voltage	0.2 – 4.9 V		
ECT sensor resistance	Approx. 2.6 kΩ at 20 °C (68 °F)		
IAT sensor input voltage	4.5 – 5.5 V		
IAT sensor output voltage	0.2 – 4.9 V		
IAT sensor resistance	Approx. 2.6 kΩ at 20 °C (68 °F)		
TO sensor resistance	15.0 – 25.0 kΩ		
TO sensor voltage	Normal	0.4 – 1.4 V	
	Leaning	3.7 – 4.4 V	When leaning 65°
GP switch voltage	0.9 V and more	From 1st to Top	
Injector voltage	Battery voltage		
Ignition coil primary peak voltage	150 V and more	When cranking	
FP relay input voltage	Battery voltage		

## Throttle body

Item	Specification
Bore size	36 mm (1.42 in)
I.D. No.	33H0
Idle r/min	1 600 ± 100 r/min
Idle air screw	1-5/8 turns back
Throttle cable play	3 – 5 mm (0.12 – 0.20 in)

## Electrical

Unit: mm (in)

Item	Specification		Note
Spark plug	Type	NGK: CR7E DENSO: U22ESR-N	
	Gap	0.7 – 0.8 (0.028 – 0.031)	
Spark performance	Over 8 (0.3) at 1 atm.		
CKP sensor resistance	400 – 600 Ω		
CKP sensor peak voltage	1.0 V and more		(+): Bl, (-): G
Ignition coil resistance	Primary	0.1 – 1.0 Ω	Terminal – Terminal
	Secondary	12 – 20 kΩ	Plug cap – Terminal
Ignition coil primary peak voltage	150 V and more		(+): B/W, (-): W/Bl
Generator coil resistance	0.1 – 1.5 Ω		
Generator Max. output	200 W at 5 000 r/min		
Generator no-load voltage (When engine is cold)	55 V (AC) and more at 5 000 r/min		
Starter motor brush length	Standard	12.0 (0.47)	
	Limit	6.5 (0.26)	
Regulated voltage	13.5 – 15.0 V at 5 000 r/min		
Starter relay resistance	3 – 6 Ω		
Battery	Type designation	YTX9-BS	
	Capacity	12 V 28.8 kC (8 Ah)/10 HR	
Fuse size	Ignition	10 A	
	Cooling fan	10 A	
	Main	20 A	

## Wattage

Unit: W

Item	Specification	
Headlight	HI	40
	LO	40
Brake light/Taillight	21/5	
Fuel indicator light	3.4	
Neutral indicator light	1.7	
Engine coolant temp. FI indicator light	1.7	
Reverse indicator light	1.7	



**Brake + Wheel**

Unit: mm (in)

Item	Standard		Limit
Rear brake pedal height	0 – 10 (0 – 0.4)		—
Brake caliper cylinder bore	Front	32.03 – 32.08 (1.2610 – 1.2630)	—
	Rear	33.96 – 34.01 (1.3370 – 1.3390)	—
Brake caliper piston diam.	Front	31.948 – 31.998 (1.2578 – 1.2598)	—
	Rear	33.878 – 33.928 (1.3338 – 1.3357)	—
Brake fluid type	DOT 4		—
Brake disc thickness	Front	2.8 – 3.2 (0.11 – 0.13)	2.5 (0.10)
	Rear	3.8 – 4.2 (0.15 – 0.17)	3.5 (0.14)
Brake disc runout	—		0.30 (0.012)
Master cylinder bore	Front	12.700 – 12.743 (0.5000 – 0.5017)	—
	Rear	14.000 – 14.043 (0.5512 – 0.5529)	—
Master cylinder piston diam.	Front	12.657 – 12.684 (0.4983 – 0.4994)	—
	Rear	13.957 – 13.984 (0.5495 – 0.5506)	—
Turning radius	3.3 m (10.8 ft)		—
Toe-out (with 75 kg, 165 lbs)	6 ± 4 (0.24 ± 0.16)		—
Camber	-2.4°		—
Caster	6.3°		—
Wheel rim size	Front	10 x 5.5 AT	—
	Rear	9 x 8.0 AT	—
Wheel axle runout	Rear	—	6.0 (0.24)

**Tire**

Unit: mm (in)

Item	Standard		Limit
Cold inflation tire pressure	Front	30 kPa (0.30 kgf/cm <sup>2</sup> , 4.4 psi)	—
	Rear	30 kPa (0.30 kgf/cm <sup>2</sup> , 4.4 psi)	—
Tire size	Front	AT22 x 7R10 ☆☆	—
	Rear	AT20 x 10R9 ☆☆	—
Tire type	Front	DUNLOP: KT331	—
	Rear	DUNLOP: KT335	—
Tire tread depth	Front	—	4.0 (0.16)
	Rear	—	4.0 (0.16)

**Suspension**

Unit: mm (in)

Item	Standard		Limit
Front shock absorber spring pre-load length	288.5 (11.36)		—
Front suspension damping force adjuster	Compression	1 and 1/4 turns out	—
Rear shock absorber spring pre-load length	234.8 (9.24)		—
Rear suspension damping force adjuster	Rebound	1 and 1/4 turns out	—
	Compression	2 turns out	—
Front wheel travel	215 (8.5)		—
Rear wheel travel	230 (9.1)		—
Swingarm pivot shaft runout	—		0.3 (0.01)

## Fuel + Oil

Item	Specification	Note
Fuel type	Use only unleaded gasoline of at least 87 pump octane (R/2 + M/2) or 91 octane or higher rated by the research method. Gasoline containing MTBE (Methyl Tertiary Butyl Ether), less than 10% ethanol, or less than 5% methanol with appropriate cosolvents and corrosion inhibitor is permissible.	E-33
	Gasoline used should be graded 91 octane or higher. An unleaded gasoline type is recommended.	E-19
Fuel tank capacity	9.1 L (2.4/2.0 US/Imp gal)	
Engine oil type	SAE 10W-40, API SF/SG or SH/SJ with JASO MA	
Engine oil capacity	Change	2 000 ml (2.1/1.8 US/Imp qt)
	Filter change	2 100 ml (2.2/1.8 US/Imp qt)
	Overhaul	2 200 ml (2.3/1.9 US/Imp qt)

## Tightening Torque Specifications

B933H10307002

### Engine

Item		N·m	kgf-m	lbf-ft	
Cylinder head cover bolt		14	1.4	10.0	
Spark plug		11	1.1	8.0	
Cylinder head bolt	(M10)	Initial	25	2.5	18.0
		Final	46	4.6	33.5
	(M6)	10	1.0	7.0	
Cylinder base nut		10	1.0	7.0	
Camshaft journal holder bolt		10	1.0	7.0	
Balancer driven gear nut		50	5.0	36.0	
Primary drive gear nut		140	14.0	101.5	
Generator rotor nut		120	12.0	87.0	
Clutch sleeve hub nut		70	7.0	50.5	
Gearshift arm stopper		19	1.9	13.5	
Gearshift cam stopper plate bolt		24	2.4	17.5	
Cam chain tension adjuster bolt		10	1.0	7.0	
Cam chain tensioner mounting bolt		10	1.0	7.0	
Cam chain tension spring holder bolt		30	3.0	21.5	
Engine oil drain plug (on the crankcase)		21	2.1	15.0	
Engine oil drain plug (on the oil tank)		12	1.2	8.5	
Crankcase bolt		11	1.1	8.0	
Gear position switch mounting bolt		6.5	0.65	4.7	
Oil hose union bolt (on the crankcase)		23	2.3	16.5	
Starter motor lead wire nut		6	0.6	4.5	
Starter motor mounting bolt		10	1.0	7.0	
Starter motor brush holder mounting nut		11	1.1	8.0	
Starter motor housing bolt		5	0.5	3.5	
Valve timing inspection plug		23	2.3	16.5	
Engine mounting nut and bolt		66	6.6	47.5	
Engine mounting bracket bolt		26	2.6	19.0	
Exhaust pipe nut		23	2.3	16.5	
Muffler connection bolt		23	2.3	16.5	
Muffler mounting bolt		23	2.3	16.5	
Starter clutch bolt		10	1.0	7.0	
Main oil gallery plug		18	1.8	13.0	
Generator cover plug		15	1.5	11.0	
Oil gallery plug [M6]		11	1.1	8.0	
Oil gallery plug [M8]		13	1.3	9.5	
Oil gallery plug [M12]		23	2.3	16.5	
Oil gallery plug [Cylinder head]		10	1.0	7.0	

Item	N·m	kgf-m	lbf-ft
Intake pipe mounting bolt	9	0.9	6.5
Generator startor set bolt	11	1.1	8.0
Generator lead wire bracket bolt	5.5	0.55	4.0
Air cleaner box mounting bolt	10	1.0	7.0
Oil pump mounting screw	8.5	0.85	6.0
Spark arrester mounting bolt	13	1.3	9.5
Gearshift pawl lifter screw	10	1.0	7.0

#### FI system and intake air system

Item	N·m	kgf-m	lbf-ft
CKP sensor mounting bolt	5.5	0.55	4.0
Fuel pump mounting bolt	10	1.0	7.0
Fuel valve mounting bolt	10	1.0	7.0
IAT sensor mounting screw	2.5	0.25	2.0

#### Cooling system

Item	N·m	kgf-m	lbf-ft
Water pump cover bolt	10	1.0	7.0
Engine coolant drain plug	6	0.6	4.5
ECT sensor	12	1.2	8.5

#### Chassis tightening torque

Item	N·m	kgf-m	lbf-ft
Handlebar clamp bolt	26	2.6	19.0
Handlebar holder nut	60	6.0	43.5
Steering shaft holder bolt	23	2.3	16.5
Steering shaft nut	49	4.9	35.5
Steering knuckle end nut (Upper and Lower)	29	2.9	21.0
Tie-rod end nut	29	2.9	21.0
Tie-rod lock-nut	29	2.9	21.0
Front shock absorber mounting nut (Upper & Lower)	60	6.0	43.5
Wishbone arm pivot nut (Upper & Lower)	65	6.5	47.0
Front wheel hub nut	65	6.5	47.0
Rear wheel hub nut	121	12.1	87.5
Wheel set nut (Front & Rear)	66	6.6	47.5
Brake hose union bolt	23	2.3	16.5
Brake disc bolt (Front & Rear)	23	2.3	16.5
Brake air bleeder valve (Front & Rear)	6	0.6	4.5
Brake caliper mounting bolt (Front & Rear)	26	2.6	19.0
Brake master cylinder mounting bolt (Front & Rear)	10	1.0	7.0
Front brake caliper holder pin	18	1.8	13.0
Front brake caliper holder slide pin	23	2.3	16.5
Front brake pipe nut	16	1.6	11.5
Front brake pad mounting pin	18	1.8	13.0
Rear brake master cylinder rod lock-nut	18	1.8	13.0
Rear brake pedal nut	11	1.1	8.0
Rear brake pad mounting pin	18	1.8	13.0
Rear brake caliper holder pin	18	1.8	13.0
Rear brake caliper holder slide pin	23	2.3	16.5
Brake lever pivot bolt	6	0.6	4.5
Brake lever pivot bolt lock-nut	6	0.6	4.5
Parking brake bolt	23	2.3	16.5
Parking brake adjuster lock-nut	18	1.8	13.0
Footrest mounting bolt	55	5.5	40.0
Seat rail mounting bolt (Upper & Lower)	66	6.6	47.5
Rear sprocket mounting nut	60	6.0	43.5

<b>Item</b>	<b>N·m</b>	<b>kgf-m</b>	<b>lbf-ft</b>
Rear axle nut	240	24.0	173.5
Front fender mounting screw	12	1.2	8.5
Brake light/taillight mounting nut	5.5	0.55	4.0
Front shock absorber spring adjuster lock-nut	34	3.4	24.5
Rear shock absorber spring adjuster lock-nut	44	4.4	32.0
Rear axle lock-nut	240	24.0	173.5
Rear axle housing bolt	100	10.0	72.5
Swingarm pivot nut	95	9.5	68.5
Rear shock absorber mounting nut (Upper & Lower)	60	6.0	43.5
Cushion lever nut	78	7.8	56.5
Cushion rod nut	78	7.8	56.5
Cushion lever cover bolt	5.5	0.55	4.0
Drive chain roller mounting bolt	40	4.0	29.0
Chain adjuster nut	30	3.0	21.5