

Features & Specifications

2016 Burgman 400 ABS



AN400AL6

PGZ: Metallic Matte
Fibroin Gray

Key Features

- 400cc, 4-stroke, liquid-cooled, single-cylinder, DOHC engine
- Anti-lock Brake System (ABS)
- Adjustable passenger backrest
- Large, convenient under-seat storage

Engine Features

- Torque-rich, 400cc, 4-stroke, 1-cylinder, DOHC, fuel-injected engine produces polished performance.
- DOHC 4-valve arrangement allows ideal positioning of the intake and exhaust valves for superior mechanical advantages and efficient combustion. The benefits can be felt in smooth, instantly available acceleration.
- The Suzuki Fuel Injection system with O₂ feedback plus the Pulsed-secondary AIR-injection (PAIR) system and catalyzer-equipped exhaust boost fuel efficiency and minimize emissions.
- The generous 3.6 gallon fuel tank lets you rack up lots of miles fuel stops.
- Automatic Idle Speed Control (ISC) system ensures proper engine idle speed at all times.
- Fuel use display provides information that will help you ride your Burgman 400 ABS for maximum fuel economy.
- Dash-mounted maintenance alert reminds you when it's time for service.

Chassis Features

- Strong, large-diameter steel frame uses thin-wall technology to produce an exceptionally strong, yet lightweight chassis.
- Telescopic 41mm inner-tube front forks with a generous 4.3 inches of wheel travel, and link-type mono shock absorber rear suspension has adjustable preload. The overall benefits are motorcycle levels of handling with exceptional maneuverability.
- The 14-inch front wheel carries 260mm hydraulic dual disc brake, and 13-inch rear wheel has a 210mm hydraulic disc brake for reliable control.
- Antilock Brake System (ABS)* monitors wheel speed, and matches stopping power to available traction.
- Dash-mounted parking brake lever securely locks the rear wheel.
- Sculpted bodywork expresses flow and agility, with stylish contours that exhibit quality and performance.
- Abundant luggage space; huge 62-liter under-seat storage compartment, large enough for two full-face helmets, plus a smaller compartment for small personal items. Convenient switchable under-seat lights to illuminate the entire storage area.
** Helmet sizes and shapes vary, so helmets may not fit in the under-seat compartment.*
- Front bodywork contains three covered storage compartments; a large 10-liter compartment with a convenient DC power outlet for charging electric devices on the fly, and two smaller compartments above it.
- Stepped dual seat for comfort and confidence. The rider's backrest is adjustable in five 10mm increments at the press of a lever.
- Open footboards allow the rider to comfortably move and support the scooter at stops and starts.
- Pillion rider footrests provide comfort, letting the passenger feel planted and relaxed, even during extended rides.
- Security gate allows a chain lock to be passed through the bodywork around the frame and then around an immovable object.
- The ignition switch fitted with a magnetic security cover that opens only with correctly coded key.
- The comprehensive and easy-to-read instrument cluster incorporates a speedometer, a tachometer, an odometer, twin tripmeters, a clock, and indicators for the ambient temperature, average fuel consumption, fuel level, and coolant temperature.

Additional Features

- Stylized Suzuki "S" 3-D emblems on the front leg shield and the upper meter panel denotes the quality and sophistication of the brand.
- A variety of Genuine Suzuki Accessories for Burgman owners are available including a large selection of Suzuki logo apparel.
- 12-month limited warranty
- For more details, please visit www.suzukicycles.com.

** Depending on road surface conditions, such as wet, loose, or uneven roads, braking distance for an ABS-equipped vehicle may be longer than for a vehicle not equipped with ABS. ABS cannot prevent wheel skidding caused by braking while cornering. Please drive carefully and do not overly rely on ABS.*

Specifications AN400AL6

E-03: USA, E-33: California

DIMENSIONS AND CURB MASS

Overall length.....	2270 mm (89.4 in)
Overall width.....	760 mm (29.9 in)
Overall height.....	1385 mm (54.5 in)
Wheelbase.....	1585 mm (62.4 in)
Ground clearance.....	125 mm (4.9 in)
Seat height.....	710 mm (28.0 in)
Curb mass.....	223 kg (492 lbs) ...E33 222 kg (489 lbs) ...E03

ENGINE

Type.....	4-stroke, liquid-cooled, DOHC
Number of cylinders.....	1
Bore.....	81.0 mm (3.189 in)
Stroke.....	77.6 mm (3.055 in)
Displacement.....	400 cm ³ (24.4 cu. in)
Compression ratio.....	10.6 : 1...E-33 11.2 : 1...Others
Fuel system.....	Fuel injection
Air cleaner.....	Paper element
Starter system.....	Electric starter
Lubrication system.....	Wet sump
Idle speed.....	1450 ± 100 r/min

DRIVE TRAIN

Clutch.....	Dry shoe, automatic, centrifugal type
Gearshift pattern.....	Automatic
Primary reduction ratio (Automatic drive).....	2.200 - 0.839 (variable change)
Final reduction ratio.....	6.484 (31/14 × 41/14)
Drive system.....	V-belt drive

CHASSIS

Front suspension.....	Telescopic, coil spring, oil damped
Rear suspension.....	Link type, coil spring, oil damped
Front fork stroke.....	110 mm (4.3 in)
Rear wheel travel.....	100 mm (3.9 in)
Caster.....	25°20'
Trail.....	102 mm (4.0 in)
Steering angle.....	40° (right & left)
Turning radius.....	2.7 m (8.9 ft)
Front brake.....	Double disc brake
Rear brake.....	Disc brake
Front tire size.....	120/80-14 M/C 58S, tubeless
Rear tire size.....	150/70-13 M/C 64S, tubeless

Specifications AN400AL6

E-03: USA, E-33: California

ELECTRICAL

Ignition type.....	Electronic ignition (Transistorized)
Ignition timing.....	7° B.T.D.C. at 1 450 r/min
Spark plug.....	NGK CR7E or DENSO U22ESR-N
Battery.....	12V 32.4 kC (9 Ah)/10HR
Generator.....	Three-phase A.C. generator
Main fuse.....	30A
Fuse.....	15 /15 /10 /15 /15 /10A
ABS fuse.....	20 /15A
Headlight.....	12V 60/55W (H4) x 2
Position/parking light.....	12V 5W x 2
Brake light/Tail light.....	12V 21/5W x 2
Licence plate light.....	12V 5W
Trunk light.....	12V 5W
Front turn signal light.....	12V 27/8W
Rear turn signal light.....	12V 21W
Speedometer/Tachometer light.....	LED
Coolant temperature gauge light.....	LED
Fuel level gauge light.....	LED
Turn signal indicator light.....	LED x 2
High beam indicator light.....	LED
Brake lock indicator light.....	LED
Fuel injection indicator light.....	LED
ABS indicator light.....	LED

CAPACITIES

Fuel tank.....	13.5 L (3.6/3.0 US/Imp gal)
Engine oil , oil change.....	1200 ml (1.3/1.0 US/Imp qt)
With filter change.....	1300 ml (1.4/1.1 US/Imp qt)
Overhaul.....	1500 ml (1.6/1.3 US/Imp qt)
Final gear oil , oil change.....	180 ml (6.1/6.3 US/Imp oz)
Overhaul.....	190 ml (6.4/6.7 US/Imp oz)
Coolant.....	1.6 L (1.7/1.4 US/Imp qt)

Service Data AN400AL6

E-03: USA, E-33: California

VALVE + GUIDE

Unit: mm (in)

ITEM		STANDARD	LIMIT
Valve diam.	IN.	31.0 (1.22)	—
	EX.	27.0 (1.06)	—
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 guide I.D.	IN. & EX.	4.500 – 4.512 (0.1772 – 0.1776)	—
Valve stem O.D.	IN.	4.475 – 4.490 (0.1762 – 0.1768)	—
	EX.	4.455 – 4.470 (0.1754 – 0.1760)	—
Valve stem deflection	IN. & EX.	—	0.35 (0.014)
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.	—	38.6 (1.52)
Valve spring tension	IN. & EX.	137.3 N (14.0 kgf, 30.1 lbs) at length 33.35mm (1.313 in)	—

CAMSHAFT + CYLINDER HEAD

Unit: mm (in)

ITEM	STANDARD		LIMIT
Cam height	IN.	36.61 – 36.66 (1.441 – 1.443)	36.31 (1.430)
	EX.	35.94 – 35.98 (1.415 – 1.417)	35.64 (1.403)
Camshaft journal oil clearance	IN. & EX.	0.019 – 0.053 (0.0007 – 0.0021)	0.15 (0.006)
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	IN. & EX.	—	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	1 000 – 1 080 kPa (10.0 – 10.8 kgf/cm ² , 142 – 154 psi)		620 kPa (6.2 kgf/cm ² , 88 psi)
Piston to cylinder clearance	0.025 – 0.035 (0.0010 – 0.0014)		0.120 (0.0047)
Cylinder bore	81.000 – 81.015 (3.1890 – 3.1896)		Nicks or scratches
Piston diam.	80.970 – 80.985 (3.1878 – 3.1884) Measure at 15 mm (0.6 in) from the skirt end.		80.880 (3.1843)
Cylinder distortion	—		0.10 (0.004)
Piston ring free end gap	1st	Approx. 6.5 (0.26)	5.2 (0.20)
	2nd 2T	Approx. 9.0 (0.35)	7.2 (0.28)
Piston ring end gap	1st & 2nd	0.06 – 0.18 (0.002 – 0.007)	0.50 (0.020)
Piston ring to groove clearance	1st	—	0.180 (0.0071)
	2nd	—	0.150 (0.0059)
Piston ring groove width	1st	1.30 – 1.32 (0.0512 – 0.0520)	—
	2nd	1.01 – 1.03 (0.0398 – 0.0406)	—
	Oil	2.01 – 2.03 (0.0791 – 0.0799)	—
Piston ring thickness	1st	1.08 – 1.10 (0.0425 – 0.0433)	—
	2nd	0.97 – 0.99 (0.0382 – 0.0390)	—
Piston pin bore	20.002 – 20.008 (0.7875 – 0.7877)		20.030 (0.7886)
Piston pin O.D.	19.992 – 20.000 (0.7871 – 0.7874)		19.980 (0.7866)

CONROD + CRANKSHAFT

Unit: mm (in)

ITEM	STANDARD	LIMIT
Conrod small end I.D.	20.006 – 20.014 (0.7876 – 0.7880)	20.040 (0.7890)
Conrod deflection	—	3.0 (0.12)
Conrod big end side clearance	0.10 – 0.65 (0.004 – 0.026)	1.0 (0.04)
Conrod big end width	21.95 – 22.00 (0.864 – 0.866)	—
Width between crankshaft webs	59.9 – 60.1 (2.36 – 2.37)	—
Crankshaft thrust bearing thickness	2.025 – 2.175 (0.0797 – 0.0856)	—
Crankshaft runout	—	0.08 (0.003)

OIL PUMP

ITEM	STANDARD	LIMIT
Oil pressure (at 60 °C, 140 °F)	Above 30 kPa (0.3 kgf/cm ² , 4.27 psi) Below 110 kPa (1.1 kgf/cm ² , 15.65 psi) at 3 000 r/min	—

CLUTCH

Unit: mm (in)

ITEM	STANDARD	LIMIT
Clutch wheel I.D.	160.0 – 160.2 (6.30 – 6.31)	160.5 (6.32)
Clutch shoe thickness	5.0 (0.20)	2.0 (0.08)
Engage r/min	2 600 – 3 200 r/min	—
Lock-up r/min	4 000 – 5 000 r/min	—

TRANSMISSION

Unit: mm (in) except ratio

ITEM	SPECIFICATION	LIMIT
Primary reduction ratio	1.000	—
Reduction ratio	2.200 – 0.839	—
Secondary reduction ratio	2.214 (31/14)	—
Final reduction ratio	2.928 (41/14)	—
Drive V-belt width	26.1 (1.03)	25.1 (0.99)
Movable driven face spring free length	145.0 (5.71)	137.8 (5.43)
Movable drive face ware	—	0.4 (0.02)

INJECTOR + FUEL PUMP + FUEL PRESSURE REGULATOR

ITEM	SPECIFICATION	NOTE
Injector resistance	Approx. 10.3 Ω at 20 °C (68 °F)	—
Fuel pump discharge amount	35 ml (1.18/1.23 US/lmp qt) For 10 sec., at 300 kPa (3.0 kgf/cm ² , 43 psi)	—
Fuel pressure regulator operating set pressure	Approx. 300 kPa (3.0 kgf/cm ² , 43 psi)	—

FI SENSORS

ITEM	SPECIFICATION		NOTE
IAP sensor input voltage	4.5 – 5.5 V		
IAP sensor output voltage	Approx. 1.5 V – 3.5 V at idle speed		
TP sensor input voltage	4.5 – 5.5 V		
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 resistance	Approx. 2.58 k Ω at 20 °C (68 °F)		
IAT sensor input voltage	4.5 – 5.5 V		
IAT sensor resistance	Approx. 2.58 k Ω at 20 °C (68 °F)		
TO sensor resistance	16.5 – 22.3 k Ω		
TO sensor output voltage	Normal	0.4 – 1.4 V	
	Leaning	3.7 – 4.4 V	
Injector voltage	Battery voltage		
Ignition coil primary peak voltage	150 V and more (When cranking)		(+):W, (-):Ground
HO2 sensor heater resistance	11.5 – 14.5 Ω at 23 °C (73.4 °F)		
HO2 sensor output voltage	Idle speed	0.4 – 1.4 V	
	3 000 r/min	3.7 – 4.4 V	
STP sensor input voltage	4.5 – 5.5 V		
STP sensor output voltage	Closed	Approx. 0.5 V	
	Opened	Approx. 3.9 V	
STP actuator resistance	Approx. 6.5 Ω		

THROTTLE BODY

ITEM	SPECIFICATION	
	E-03	E-33
I.D. No.	05H2	05H3
Bore size	38.0 mm (1.50 in)	
Fast idle r/min	1 500 – 2 000 r/min	
Idle r/min	1 450 \pm 100 r/min	
Throttle cable play	2.0 – 4.0 mm (0.08 – 0.16 in)	

THERMOSTAT + RADIATOR + FAN + COOLANT

ITEM	STANDARD/SPECIFICATION		LIMIT
Thermostat valve opening temperature	Approx. 82 °C (180 °F)		—
Thermostat valve lift	Over 3.0 mm (0.12 in) at 95 °C (203 °F)		—
Engine coolant temperature sensor resistance	20 °C (68 °F)	Approx. 2.58 kΩ	—
	50 °C (122 °F)	Approx. 0.77 kΩ	—
	80 °C (176 °F)	Approx. 0.28 kΩ	—
	110 °C (230 °F)	Approx. 0.12 kΩ	—
Radiator cap valve opening pressure	93.3 – 122.7 kPa (0.93 – 1.23 kgf/cm ² , 13.3 – 17.4 psi)		—
Electric fan thermo-switch operating temperature	OFF→ON	Approx. 98 °C (208 °F)	—
	ON→OFF	Approx. 92 °C (198 °F)	—
Engine coolant type	Use an anti-freeze/coolant compatible with aluminum radiator.		—
Engine coolant including reserve	Reverse tank side	Approx. 250 ml (0.26/0.22 US/Imp qt)	—
	Engine side	Approx. 1 700 ml (1.80/1.50 US/Imp qt)	—

BRAKE + WHEEL

Unit: mm (in)

ITEM	STANDARD		LIMIT
Brake disc thickness	Front	4.5 ± 0.2 (0.18 ± 0.008)	4.0 (0.16)
	Rear	5.0 ± 0.2 (0.20 ± 0.008)	4.5 (0.18)
Brake disc runout	—		0.30 (0.012)
Master cylinder bore	Front & Rear	12.700 – 12.743 (0.5000 – 0.5017)	—
Master cylinder piston diameter	Front & Rear	12.650 – 12.684 (0.4980 – 0.4994)	—
Brake caliper cylinder bore	Front	25.400 – 25.450 (1.0000 – 1.0197)	—
	Rear	27.000 – 27.050 (1.0630 – 1.0650)	—
Brake caliper piston diameter	Front	25.318 – 25.368 (0.9968 – 0.9987)	—
	Rear	26.918 – 26.968 (1.0598 – 1.0617)	—
Brake fluid type	DOT 4		—
Wheel rim runout	Front	—	2.0 (0.08)
	Rear	—	2.0 (0.08)
Wheel axle runout	Front	—	0.25 (0.010)
	Rear	—	0.25 (0.010)
Wheel rim size	Front	14 M/C×MT3.00	—
	Rear	13 M/C×MT4.00	—

ELECTRICAL

ITEM	STANDARD/SPECIFICATION		NOTE
Spark plug	Type	NGK: CR7E DENSO: U22ESR-N	
	Gap	0.7 – 0.8 mm (0.028 – 0.031 in)	
Spark performance	Over 8.0 mm (0.3 in) at 1 atm.		
CKP sensor resistance	196 – 290 Ω		
CKP sensor peak voltage	4.0 V and more (When cranking)		(+):G/W, (-):Bl
Ignition coil resistance	Primary	1.2 – 3.5 Ω	
	Secondary	15 – 30 kΩ	
Ignition coil primary peak voltage	150 V and more (When cranking)		(+):W, (-):Ground
Generator coil resistance	Charging	0.1 – 1.0 Ω	Y – Y
Generator no-load voltage (When cold)	65 V and more at 5 000 r/min		
Generator Max. output	Approx. 400 W at 5 000 r/min		
Starter motor brush length	Standard	7.0 (0.28)	
	Limit	3.5 (0.14)	
Regulated voltage	14.0 – 15.5 V at 5 000 r/min		
Starter relay resistance	3 – 6 Ω		
Battery	Type designation	FTZ9-BS	
	Capacity	12 V 32.4 kC (9 Ah)/10 HR	
Fuse size	Head-light	HI	15 A
		LO	15 A
	Meter	15 A	
	Ignition	15 A	
	Turn signal	15 A	
	P-source	10 A	
	Main	30 A	
	ABS Motor	20 A	
	ABS Valve	15 A	

SUSPENSION

Unit: mm (in)

ITEM	STANDARD	LIMIT
Front fork stroke	110 (4.33)	—
Front fork spring free length	347.6 (13.69)	340 (13.4)
Front fork oil type	SUZUKI FORK OIL G-10 or an equivalent fork oil	—
Front fork oil capacity (each leg)	301 ml (10.17/10.60 US/Imp oz)	—
Front fork oil level (without spring, outer tube fully compressed)	87 (3.43)	—
Front fork inner tube O.D.	41 (1.61)	—
Rear wheel travel	100 (3.94)	—
Rear shock absorber spring adjuster	3rd position	—

TIRE

ITEM		STANDARD		LIMIT
Cold inflation tire pressure	Solo riding	Front	175 kPa (1.75 kgf/cm ² , 25 psi)	—
		Rear	200 kPa (2.00 kgf/cm ² , 29 psi)	—
	Dual riding	Front	175 kPa (1.75 kgf/cm ² , 25 psi)	—
		Rear	250 kPa (2.50 kgf/cm ² , 36 psi)	—
Tire size	Front	120/80-14M/C 58S	—	
	Rear	150/70-13M/C 64S	—	
Tire type	Front	BRIDGESTONE HOOP B03G	—	
	Rear	BRIDGESTONE HOOP B02G	—	
Tire tread depth (Recommended depth)	Front	—	1.6 mm (0.06 in)	
	Rear	—	2.0 mm (0.08 in)	

FLUID CAPACITIES

ITEM	SPECIFICATION		NOTE
Fuel type	Use only unloaded gasoline of at least 87 pump octane or 91 octane (R/2 + M/2) 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.		
Fuel tank capacity	Including reserve	13.5 L (3.6/3.0 US/Imp gal)	
	Reserve	4.0 L (3.17/2.64 US/Imp gal)	
Engine oil and final gear oil type	SAE 10W-40, API SF/SG or SH/SJ with JASO MA		
Engine oil capacity	Oil change	1 200 ml (1.3/1.0 US/Imp qt)	
	Filter change	1 300 ml (1.4/1.1 US/Imp qt)	
	Overhaul	1 500 ml (1.6/1.3 US/Imp qt)	
Final gear oil capacity	Oil change	180 ml (6.1/6.3 US/Imp oz)	
	Overhaul	190 ml (6.4/6.7 US/Imp oz)	

TIGHTENING TORQUE LIST

ENGINE

ITEM		N·m	kgf-m	lbf-ft
Cam chain tensioner bolt		23	2.3	16.5
Cam chain guide No.1 bolt		23	2.3	16.5
Camshaft journal holder bolt		10	1.0	7.0
Engine oil drain plug		23	2.3	16.5
Final gear oil drain plug	M8	12	1.2	8.5
Final gear oil level bolt	M10	16	1.6	11.5
Final gear oil filter bolt	M16	23	2.3	16.5
Starter clutch bolt		26	2.6	19.0
Generator stator bolt		11	1.1	8.0
CKP sensor bolt		6	0.6	4.5
Crankcase bolt	M8	22	2.2	16.0
	M6	11	1.1	8.0
Balancer drive gear nut		150	15.0	108.5
Balancer driven gear nut		50	5.0	36.0
Oil pump mounting bolt		10	1.0	7.0
Generator rotor nut		160	16.0	115.5
Final gear cover bolt		22	2.2	16.0
Clutch housing nut		85	8.5	61.5
Clutch shoe nut		105	10.5	76.0
Fixed drive face nut		105	10.5	76.0
Inner clutch cover bolt		11	1.1	8.0
Generator cover bolt		11	1.1	8.0
Oil filter cap bolt		10	1.0	7.0
Cylinder head bolt	L130	25	2.5	18.0
	L190	25→42	2.5→4.2	18.0→30.5
Cam chain tension adjuster mounting bolt		10	1.0	7.0
Cam chain tension adjuster cap bolt		23	2.3	16.5
Cylinder head cover bolt		14	1.4	10.0
Starter motor mounting bolt		7	0.7	5.0
Starter motor lead wire bolt		3	0.3	2.0
Starter motor housing bolt		4	0.4	3.0
Spark plug		11	1.1	8.0
Oil sump filter cover bolt		10	1.0	7.0
Oil gallery plug (cylinder head)		10	1.0	7.0
Main gallery plug	M8	12	1.2	8.5
	M10	18	1.8	13.0
	M14	23	2.3	16.5
TDC inspection plug		23	2.3	16.5
Water jacket plug		40	4.0	29.0
Exhaust pipe bolt		23	2.3	16.5
Muffler connecting bolt		23	2.3	16.5
Muffler mounting bolt		23	2.3	16.5

COOLING SYSTEM

ITEM	N·m	kgf-m	lbf-ft
Cooling fan mounting bolt	7	0.7	5.0
Radiator mounting bolt	10	1.0	7.0
Cooling fan thermo-switch	17	1.7	12.5
ECT sensor	12	1.2	8.5
Thermostat case bolt	10	1.0	7.0
Thermostat case air bleeder bolt	5.5	0.55	4.3
Water pump mounting bolt	10	1.0	7.0

FI SYSTEM AND INTAKE AIR SYSTEM

ITEM	N·m	kgf-m	lbf-ft
Fuel cut valve bolt	3.5	0.35	2.5
Fuel pump mounting bolt	4.5	0.45	3.3
Fuel tank mounting bolt	10	1.0	7.0
Fuel hose bolt	10	1.0	7.0
IAT sensor mounting screw	1.3	0.13	0.95
Speed sensor bolt	10	1.0	7.0

CHASSIS

ITEM	N·m	kgf-m	lbf-ft
Pillion rider handle bolt	23	2.3	16.5
Front axle	65	6.5	47.0
Front axle pinch bolt	23	2.3	16.5
Front brake caliper pad pin	18	1.8	13.0
Front brake caliper mounting bolt	35	3.5	25.5
Front brake caliper bracket pin bolt	18	1.8	13.0
Front brake caliper air bleeder valve	6	0.6	4.5
Front brake disc bolt	23	2.3	16.5
Brake hose union bolt	23	2.3	16.5
Master cylinder mounting bolt	10	1.0	7.0
Handlebar clamp bolt	23	2.3	16.5
Front fork cylinder bolt	30	3.0	21.5
Front fork clamp bolt	23	2.3	16.5
Front fork cap bolt	45	4.5	32.5
Steering stem nut	30 N·m (30 kgf-m, 21.5 lbf-ft) →turn clockwise 1/4 – 1/2		
Steering stem lock-nut	30	3.0	21.5
Handlebar holder set bolt	23	2.3	16.5
Handlebar holder clamp bolt	55	5.5	40.0
Rear axle nut	120	12.0	87.0
Rear brake caliper mounting bolt	23	2.3	16.5
Rear brake caliper pad pin	18	1.8	13.0
Rear brake disc bolt	35	3.5	25.5
Brake-lock housing bolt	23	2.3	16.5
Brake-lock cable lock-nut	16	1.6	11.5
Crankcase bracket mounting nut	85	8.5	61.5
Crankcase bracket rubber damper bolt	85	8.5	61.5
Engine mounting nut	93	9.3	67.5
Rear shock absorber mounting bolt	50	5.0	36.0
Cushion lever mounting nut	80	8.0	58.0
Rear cushion rod nut	50	5.0	36.0
Swingarm bolt	50	5.0	36.0
Center stand pivot bolt	50	5.0	36.0
Brake lever pivot bolt	1	0.1	0.5
Brake lever pivot lock-nut	6	0.6	4.5
Brake pipe flare nut	16	1.6	11.5
Wheel speed sensor rotor bolt (Front & Rear)	6	0.6	4.5