

REAR WHEEL/BRAKE/SUSPENSION

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SERVICE INFORMATION

GENERAL

- A work stand or box is required to support the motorcycle.
- Use genuine rear suspension linkage and shock absorber pivot/mount bolts.
- Note installation direction of the bolts.
- Lubricate swing arm and shock linkage pivot bearings at intervals specified in the maintenance schedule.
- The shock absorber has a gas-filled reservoir.

⚠ WARNING

- *Use only nitrogen to pressurize the shock absorber. The use of an unstable gas can cause a fire or explosion resulting in serious injury.*
- *The rear shock absorber contains nitrogen under high pressure. Do not allow fire or heat near the shock absorber.*
- *Before disposal of the shock absorber, release the nitrogen by pressing the valve core. Then remove the valve from the shock absorber.*

- Brake dust may contain asbestos.

⚠ WARNING

- *Inhaled asbestos fibers have been found to cause respiratory disease and cancer. Never use an air hose or dry brush to clean brake assemblies.*

SPECIFICATIONS

unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Rear wheel runout	Radial	—	2.0 (0.10)
	Axial	—	2.0 (0.10)
Rear axle runout		—	0.2 (0.01)
Rear brake drum I.D.		110 (4.33)	111.0 (4.37)
Rear brake shoe lining thickness		4 (0.16)	2.0 (0.09)
Rear shock absorber spring free length		242.3 (9.54)	240.0 (9.45)
Rear suspension damper compression		—	20.5 (0.81)

TORQUE VALUES

Rim lock	12.5 N•m (1.25 kg-m, 9 ft-lb)	
Spokes	3.7 N•m (0.37 kg-m, 3 ft-lb)	
Rear axle nut	95 N•m (9.5 kg-m, 69 ft-lb)	
Final driven sprocket	44 N•m (4.4 kg-m, 32 ft-lb)	
Rear shock absorber:	Upper mount	45 N•m (4.5 kg-m, 33 ft-lb)
	Lower mount	30 N•m (3.0 kg-m, 22 ft-lb)
	Hose joint bolt	30 N•m (3.0 kg-m, 22 ft-lb)
	Hose lock nut	30 N•m (3.0 kg-m, 22 ft-lb)
	Spring adjuster lock nut	90 N•m (9.0 kg-m, 65 ft-lb)
Damper rod end nut	38 N•m (3.8 kg-m, 27 ft-lb)	
Reservoir damping valve	18 N•m (1.8 kg-m, 13 ft-lb)	
Swingarm pivot bolt	90 N•m (9.0 kg-m, 65 ft-lb)	