

13. REAR WHEEL/BRAKE/SUSPENSION

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SERVICE INFORMATION

GENERAL

- A box or work stand is required to support the motorcycle.
- Use genuine suspension linkage and shock absorber pivot/mount bolts. Note installation direction of the bolts.

▲ WARNING

- *The 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 (see page 13-14).*
- *Inhaled asbestos fibers have been found to cause respiratory disease and cancer. Never use an air hose or dry brush to clean brake assemblies.*
- *In the United States, use an OSHA-approved vacuum cleaner or alternate method approved by OSHA designed to minimize the hazard caused by airborne asbestos fibers.*

SPECIFICATION

ITEM		STANDARD	SERVICE LIMIT
Rear wheel runout	Radial	—	2.0 mm (0.08 in)
	Axial	—	2.0 mm (0.08 in)
Rear axle runout		—	0.2 mm (0.01 in)
Rear brake drum I.D.		130.0 mm (5.12 in)	131.0 mm (5.16 in)
Rear brake shoe thickness		4.0 mm (0.16 in)	2.0 mm (0.08 in)
Shock absorber spring free length		237.5 mm (9.35 in)	235.1 mm (9.26 in)
Rear suspension damper compression		33 kg (72.8 lb)	28 kg (61.7 lb)

TORQUE VALUES

Driven sprocket nut	46 N·m (4.6 kg-m, 33 ft-lb) Apply oil to the threads
Rear axle nut	95 N·m (9.5 kg-m, 69 ft-lb)
Brake arm nut	10 N·m (1.0 kg-m, 7 ft-lb)
Shock absorber spring lock nut	90 N·m (9.0 kg-m, 65 ft-lb)
Shock absorber upper mount nut	75 N·m (7.5 kg-m, 54 ft-lb)
Shock absorber lower mount bolt	45 N·m (4.5 kg-m, 32 ft-lb)
Shock arm-to-shock link nut	45 N·m (4.5 kg-m, 32 ft-lb)
Shock link-to-swing arm nut	45 N·m (4.5 kg-m, 32 ft-lb)
Shock arm-to-frame nut	45 N·m (4.5 kg-m, 32 ft-lb)
Swing arm pivot nut	110 N·m (11.0 kg-m, 80 ft-lb)

TOOLS

Special

Driver shaft	07946-MJ00100	} Not available in U.S.A.
Needle bearing remover	07931-MA70000	
Bearing remover, 20 mm	07936-3710600	
Remover handle	07936-3710100	
Remover sliding weight	07936-3710200	