

# 14. REAR WHEEL/SUSPENSION

SERVICE INFORMATION	14-1	SHOCK ABSORBER	14-8
TROUBLESHOOTING	14-2	SUSPENSION LINKAGE	14-11
REAR WHEEL	14-3	SWINGARM	14-15

## SERVICE INFORMATION

### GENERAL

#### ⚠ WARNING

- Riding on damaged rims impairs safe operation of the vehicle.
- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with a high quality brake degreasing agent.
- The shock absorber contains nitrogen gas under high pressure. Do not allow fire or heat near the shock absorber.
- Before disposal of the shock absorber, release the nitrogen.
- The damper unit is filled with nitrogen gas under high pressure, do not try to disassemble.

- A hoist or equivalent is required to support the motorcycle when servicing the rear wheel and suspension.
- Use genuine Honda replacement bolts and nuts for all suspension pivots and mounting points.
- Refer to section 15 for brake system service.

### SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		—————	2.0 (0.08)
Cold tire pressure	Driver only	290 kPa (2.90 kgf/cm <sup>2</sup> , 42 psi)	—————
	Driver and passenger	290 kPa (2.90 kgf/cm <sup>2</sup> , 42 psi)	—————
Axle runout		—————	0.20 (0.008)
Wheel rim runout	Radial	—————	2.0 (0.08)
	Axial	—————	2.0 (0.08)
Wheel balance weight		—————	60 g (2.1 oz) max.

14

### TORQUE VALUES

Rear axle nut	93 N·m (9.5 kgf·m, 69 lbf·ft)	
Rear brake disc bolt	42 N·m (4.3 kgf·m, 31 lbf·ft)	ALOC bolt
Final driven sprocket bolt	108 N·m (11.0 kgf·m, 80 lbf·ft)	U-nut
Shock absorber upper mounting bolt	44 N·m (4.5 kgf·m, 33 lbf·ft)	ALOC bolt
Shock absorber lower mounting nut	44 N·m (4.5 kgf·m, 33 lbf·ft)	U-nut
Shock arm-to-swingarm nut	44 N·m (4.5 kgf·m, 33 lbf·ft)	U-nut
Shock arm-to-shock link nut	44 N·m (4.5 kgf·m, 33 lbf·ft)	U-nut
Shock link-to-bracket nut	44 N·m (4.5 kgf·m, 33 lbf·ft)	U-nut
Swingarm pivot nut	93 N·m (9.5 kgf·m, 69 lbf·ft)	U-nut
Drive chain slider bolt	9 N·m (0.9 kgf·m, 6.5 lbf·ft)	ALOC bolt
Rear brake hose clamp screw	4 N·m (0.43 kgf·m, 3.1 lbf·ft)	ALOC screw