

# 13. Rear Wheel/Suspension

Service Information	13-1	Suspension Linkage Removal/Installation	13-7
Troubleshooting	13-1	Suspension Linkage Disassembly/Assembly	13-8
Rear Wheel Removal/Installation	13-2	Swingarm Removal/Installation	13-10
Rear Wheel Disassembly/Assembly	13-3	Swingarm Disassembly/Assembly	13-12
Shock Absorber Removal/Installation	13-4		
Shock Absorber Disassembly/Assembly	13-5		

## Service Information

- Refer to the section 14 for brake system information.
- Tubeless tire removal, repair and remounting procedures are covered in the section 16 of the Common Service Manual.

## Troubleshooting

### Rear Wheel Wobbling

- Bent rim
- Worn rear wheel bearings
- Faulty tire
- Unbalanced tire and wheel
- Low tire pressure
- Faulty swingarm pivot bearing(s)

### Wheel Turns Hard

- Faulty wheel bearing(s)
- Brake drag (Section 14)
- Bent rear axle

### Soft Suspension

- Weak shock absorber spring
- Incorrect suspension adjustment
- Oil leakage from damper unit
- Low tire pressure

### Hard Suspension

- Damaged shock absorber mount bushing
- Damaged shock absorber lower joint bearing
- Incorrect suspension adjustment
- Bent damper rod
- Damaged swingarm pivot bearing
- High tire pressure

### Suspension Noise

- Shock absorber binding
- Loose fasteners