

# 10. Front Wheel/Suspension/Steering

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## Service Information

### ⚠ WARNING

- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean a contaminated disc with a high quality brake degreasing agent.

- Refer to section 12 for brake system information.
- Refer to section 16 for light, meter and switch information.
- Tubeless tire removal, repair, and remounting procedures are covered in section 16 of the Common Service Manual.
- When servicing the front wheel, fork or steering stem, support the motorcycle securely with a jack or other support. Do not use the oil filter as a jack point.

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## Troubleshooting

### Hard Steering

- Steering head bearing adjustment nut too tight
- Faulty steering head bearings
- Insufficient tire pressure
- Faulty tire

### Steers To One Side Or Does Not Track Straight

- Bent fork
- Bent front axle
- Wheel installed incorrectly
- Faulty steering head bearings
- Bent frame
- Worn wheel bearing
- Worn swingarm pivot components

### Front Wheel Wobbling

- Bent rim
- Worn front wheel bearings
- Faulty tire
- Unbalanced tire and wheel

### Wheel Turns Hard

- Faulty wheel bearing
- Faulty speedometer gear
- Bent front axle

### Soft Suspension

- Insufficient fluid in fork
- Weak springs
- Low fluid level in fork
- Low tire pressure

### Hard Suspension

- Incorrect fluid weight
- Bent fork tubes
- Clogged fluid passage
- High tire pressure

### Front Suspension Noisy

- Insufficient fluid in fork
- Loose fork fasteners
- Lack of grease in speedometer gear