

11. Front Wheel/Suspension/Steering

Service Information	11-1	Front Wheel Disassembly/Assembly	11-8
Troubleshooting	11-1	Fork Removal/Installation	11-10
Right Handlebar Removal/Installation	11-2	Fork Disassembly	11-12
Left Handlebar Removal/Installation	11-4	Fork Assembly	11-14
Front Wheel Removal/Installation	11-6	Steering Stem Removal/Installation	11-16

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.

- When servicing the front wheel, support the motorcycle securely with a jack or other support under the engine.
- Refer to the section 13 for brake system information.
- Use only tires marked "TUBELESS" and tubeless valves on rims marked "TUBELESS TIRE APPLICABLE".

Troubleshooting

Hard Steering

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

Steers To One Side Or Does Not Track Straight

- Unevenly adjusted right and left forks
- Bent fork
- Bent 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
- Bent front axle
- Brake drag

Soft Suspension

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

Hard Suspension

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

Front Suspension Noisy

- Insufficient fluid in fork
- Loose fork fasteners