

12. Front Wheel/~~Fork~~/Steering

Service Information	12-1	Front Wheel Disassembly/Assembly	12-8
Troubleshooting	12-1	Fork Removal/Installation	12-10
Left Handlebar Disassembly/Assembly	12-2	Fork Disassembly	12-11
Right Handlebar Disassembly/Assembly	12-4	Fork Assembly	12-12
Head Light Bracket Removal/Installation	12-6	Steering Stem Removal/Installation	12-14
Front Wheel Removal/Installation	12-7		

Service Information

- When servicing the front wheel, support the motorcycle securely with a jack or other support under the engine.
- Refer to the section 14 for brake system information.
- Use only tires marked "TUBELESS" and tubeless valves on rims marked "TUBELESS TIRE APPLICABLE".

Troubleshooting

Hard Steering

- Steering head bearing adjustment nut too tight
- Damaged steering head bearings
- Damaged: inner or outer bearing races
- Damaged steering stem
- Worn tire
- Low tire pressure

Steers to One Side or Does Not Track Straight

- Faulty steering head bearings
- Unevenly adjusted right and left fork legs
 - Oil level/viscosity
 - Spring
 - Damaged fork tubes
- Bent front axle: wheel installed incorrectly
- Bent frame
- Worn tire
- Worn wheel bearings
- Bent rear shock absorber

Front Wheel Wobbling

- Bent rim
- Faulty wheel bearing
- Faulty tire

Wheel Turns Hard

- Faulty wheel bearings
- Faulty speedometer gear

Soft Suspension

- Faulty spring
- Insufficient tire pressure
- Low fluid level in fork
- Contaminated fluid in fork
- Wrong type of fluid in fork

Hard Suspension

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

Front Suspension Noisy

- Bent fork tubes
- Loose fork fasteners
- Insufficient fluid in fork
- Lack of grease in speedometer gearbox