

# 12. Front Wheel/Suspension/Steering

Service Information	12-1	Front Wheel Disassembly/Assembly	12-6
Troubleshooting	12-1	Fork Removal/Installation	12-8
Right Handlebar Removal/Installation	12-2	Fork Disassembly	12-10
Left Handlebar Removal/Installation	12-3	Fork Assembly	12-12
Front Wheel Removal/Installation	12-4	Steering Stem Removal/Installation	12-14

## 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.

- Raise the front wheel off the ground by suspending the frame with a sling.
- Refer to section 14 for brake system information.
- Refer to section 16 of the Common Service Manual for tire removal/installation.
- 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 shock absorbers
- Bent fork
- Bent fork axle : wheel installed incorrectly
- Faulty steering head bearings
- Bent frame
- Worn front wheel bearings
- Worn swingarm pivot bearing

### Front Wheel Wobbling

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

### Wheel Turns Hard

- Faulty wheel bearing
- Brake drag
- Bent front axle

### Soft Suspension

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

### Hard Suspension

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

### Front Suspension Noise

- Insufficient fluid in fork
- Loose fork fasteners