

## FRONT WHEEL/SUSPENSION/STEERING

### TORQUE VALUES

Front brake disc bolt	20 N•m (2.0 kgf•m, 14 lbf•ft)	ALOC bolt; replace with a new one
Front axle bolt	59 N•m (6.0 kgf•m, 43 lbf•ft)	
Front axle holder flange bolt	22 N•m (2.2 kgf•m, 16 lbf•ft)	
Front brake hose clamp flange bolt (left fork)	12 N•m (1.2 kgf•m, 9 lbf•ft)	
Front brake hose clamp flange bolt (right fork)	12 N•m (1.2 kgf•m, 9 lbf•ft)	
Fork socket bolt	20 N•m (2.0 kgf•m, 14 lbf•ft)	Apply a locking agent to the threads
Fork bolt	22 N•m (2.2 kgf•m, 16 lbf•ft)	
Fork top bridge pinch socket bolt	22 N•m (2.2 kgf•m, 16 lbf•ft)	
Fork bottom bridge pinch flange bolt	39 N•m (4.0 kgf•m, 29 lbf•ft)	
Steering bearing adjustment nut	25 N•m (2.5 kgf•m, 18 lbf•ft)	Apply oil to the threads and seating surface See page 13-29
Steering stem nut	103 N•m (10.5 kgf•m, 76 lbf•ft)	
Front brake hose clamp bolt (steering stem)	10 N•m (1.0 kgf•m, 7 lbf•ft)	
Front master cylinder holder bolt	12 N•m (1.2 kgf•m, 9 lbf•ft)	
Front brake caliper mounting bolt	30 N•m (3.1 kgf•m, 22 lbf•ft)	ALOC bolt; replace with a new one

### TOOLS

Bearing remover shaft	07GGD-0010100
Bearing remover head, 20 mm	07746-0050600
Driver	07749-0010000
Attachment, 42 X 47 mm	07746-0010300
Pilot, 20 mm	07746-0040500
Fork seal driver weight	07947-KA50100
Fork seal driver attachment	07947-KA40200
Steering stem socket	07916-3710101
Ball race remover set	07953-MJ10000
- Remover attachment,	07953-MJ10100
- Driver shaft	07953-MJ10200
Steering stem driver	07946-MB00000
Ball race remover	07953-3710500
Ball race remover	07953-4250002

## TROUBLESHOOTING

### Hard steering

- Steering head bearing adjustment nut too tight
- Worn or damaged steering head bearings
- Bent steering stem
- Insufficient tire pressure

### Steers to one side or does not track straight

- Damaged or loose steering head bearings
- Bent forks
- Bent axle
- Wheel installed incorrectly
- Bent frame
- Worn or damaged wheel bearings
- Worn or damaged swingarm pivot bearings

### Front wheel wobbling

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

### Front wheel turns hard

- Faulty front wheel bearing

- Bent front axle
- Front brake drag

### Soft suspension

- Insufficient fluid in fork
- Incorrect fork fluid weight
- Weak fork springs
- Insufficient tire pressure

### Hard suspension

- Bent fork tubes
- Too much fluid in fork
- Incorrect fork fluid weight
- Clogged fork fluid passage

### Front suspension noise

- Insufficient fluid in fork
- Loose fork fasteners