

FRONT WHEEL/SUSPENSION/STEERING

TORQUE VALUES

Handlebar holder bolt	26 N·m (2.7 kgf·m , 20 lbf·ft)	} See page 13-30
Steering stem nut	103 N·m (10.5 kgf·m , 76 lbf·ft)	
Top thread A	—	
Top thread B	—	
Fork top bridge pinch bolt	23 N·m (2.3 kgf·m , 17 lbf·ft)	
Fork bottom bridge pinch bolt	39 N·m (4.0 kgf·m , 29 lbf·ft)	
Front axle bolt	59 N·m (6.0 kgf·m , 43 lbf·ft)	
Front axle holder bolt	22 N·m (2.2 kgf·m , 16 lbf·ft)	
Front brake disc mounting bolt	20 N·m (2.0 kgf·m , 14 lbf·ft)	ALOC bolt
Fork cap	23 N·m (2.3 kgf·m , 17 lbf·ft)	
Fork socket bolt	20 N·m (2.0 kgf·m , 14 lbf·ft)	Apply a locking agent to the threads

TOOLS

Bearing remover shaft	07746-0050100
Bearing remover head, 20 mm	07746-0050600
Driver	07749-0010000
Attachment, 42 × 47 mm	07746-0010300
Attachment, 52 × 55 mm	07746-0010400
Pilot, 20 mm	07746-0040500
Slider weight	07947-KA50100
Oil seal driver attachment	07947-KF00100
Steering stem socket	07916-3710101
Ball race remover	07946-3710500
Steering stem driver	07946-MB00000

TROUBLESHOOTING

Hard steering

- Faulty or 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 fork legs
- 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
- Tire pressure too low

Hard suspension

- Incorrect fluid weight
- Bent fork tubes
- Clogged fork fluid passage

Front suspension noisy

- Insufficient fluid in fork
- Loose fork fasteners