

FRONT WHEEL/SUSPENSION/STEERING

TOOLS

Steering stem socket	07916-3710101 or 07936-3710100
Ball race remover set	07946-KM90001
— Driver attachment, A	07946-KM90100
— Driver attachment, B	07946-KM90200
— Driver shaft assembly	07946-KM90300
— Bearing remover, A	07946-KM90401
— Bearing remover, B	07946-KM90500
— Assembly base	07946-KM90600
Steering stem driver	07946-MB00000
Oil seal driver	07947-KA40200
Slider weight	07947-KA50100
Driver	07749-0010000
Attachment, 42 × 47 mm	07746-0010300
Pilot, 20 mm	07746-0040500
Bearing remover shaft	07746-0050100
Bearing remover head, 20 mm	07746-0050600

TROUBLESHOOTING

Hard steering

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

Wheel turns hard

- Faulty wheel bearing
- Faulty speedometer gear
- Bent front axle
- Brake drag

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

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 wheel wobbling

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

Front suspension noisy

- Insufficient fluid in fork
- Loose fork fasteners

TORQUE VALUES	
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork cap
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork socket bolt
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork damper lock nut
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork axle holder bolt
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork bottom bridge pinch bolt
20 N·m (2.0 kgf·m, 14 lbf·ft)	Fork top bridge pinch bolt
28 N·m (2.7 kgf·m, 20 lbf·ft)	Steering stem bearing adjusting nut B
28 N·m (2.7 kgf·m, 20 lbf·ft)	Steering stem bearing adjusting nut A
103 N·m (10.5 kgf·m, 78 lbf·ft)	Steering stem nut
10 N·m (1.0 kgf·m, 7 lbf·ft)	Handlebar weight mounting screw
25 N·m (2.5 kgf·m, 19 lbf·ft)	Handlebar stopper bolt