

FRONT WHEEL/SUSPENSION

TOOLS

Special

Hex. wrench, 6 mm	07917-3230000 or commercially available
Snap ring pliers	07914-3230001 or commercially available
Fork seal driver	07947-4630100
Race remover/installer	07946-3710400
Steering stem driver	07946-MB00000 or 07946-3710100 and 07964-MB00200

Common

Driver	07749-0010000
Pilot, 15 mm	07746-0010300
Lock nut wrench, 30 x 32 mm	07716-0020400 or commercially available

Common

Driver	07749-0010000
Attachment, 42 x 47 mm	07746-0010300
Pilot, 15 mm	07746-0040300
Lock nut wrench, 30 x 32 mm	07716-0020400 or commercially available
Extension bar	07716-0020500 or commercially available
Wheel bearing remover expander	07746-0050100 or commercially available
Wheel bearing remover collet, 15 mm	07746-0050400 or commercially available
Pin spanner	07702-0010000

TROUBLESHOOTING

Hard steering

1. Steering bearing adjustment nut too tight.
2. Faulty steering stem bearings.
3. Damaged steering stem bearings.
4. Insufficient tire pressure.

Front suspension noise

1. Worn slider or guide bushings.
2. Insufficient fluid in forks.
3. Loose front fork fasteners.
4. Lack of grease in speedometer gearbox.

Steers to one side or does not track straight

1. Unevenly adjusted right and left shock absorbers.
2. Bent front forks.
3. Bent front axle; wheel installed incorrectly.

Front wheel wobbling

1. Bent rim.
2. Worn front wheel bearings.
3. Faulty tire.
4. Axle nut tightened properly.

Soft suspension

1. Weak for springs.
2. Insufficient fluid in front forks.
3. Front fork air pressure incorrect.

Hard suspension

1. Incorrect fluid weight in front forks.
2. Front fork air pressure incorrect.
3. Bent fork tubes.
4. Clogged fluid passage.