

FRONT WHEEL/BRAKE/SUSPENSION/STEERING

TOOLS

Special

Universal bead breaker	GN-AH-958-BB1 (U.S.A. only)
Hex wrench, 6 mm	07917-3230000 or equivalent commercially available in U.S.A.
Attachment	07946-3290000
Ball race remover	07953-3330000
Steering stem socket	07916-3710100
Steering stem driver	07946-4300001 or 07946-MB00000 and attachment GN-HT-54 (U.S.A. only)

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
Extension	07716-0020500 } or commercially available in U.S.A.
Tire breaker set	07772-0050000 Not available in U.S.A.
– Breaker arm	07772-0050200
– Breaker arm compressor	07772-0050100
Fork seal driver	07747-0010000
Fork seal driver attachment	07747-0010501 } or 07947-3330000

TROUBLESHOOTING

Hard steering

1. Steering stem nut too tight
2. Faulty steering stem bearings
3. Damaged steering stem ball race or cone race
4. Insufficient tire pressure
5. Steering bearing adjustment nut too tight

Steers to one side or does not track straight

1. Bent front forks
2. Bent front axle, wheel installed incorrectly

Front wheel wobbling

1. Bent rim
2. Worn front wheel bearing
3. Faulty tire
4. Axle not tightened properly

Improper brake performance

1. Incorrect adjustment of lever
2. Brake shoes worn
3. Brake shoes contaminated
4. Brake cam worn
5. Brake drum worn
6. Brake arm serrations improperly engaged
7. Brake shoes worn at cam contact area.

Soft suspension

1. Weak fork spring
2. Insufficient fluid in forks

Hard suspension

1. Incorrect fluid weight in forks
2. Bent fork tubes
3. Clogged fluid passage

Front suspension noise

1. Loose fork fasteners
2. Insufficient fluid in forks
3. Worn slider bushing.