

REAR WHEEL/BRAKE/SUSPENSION/FINAL DRIVE

TOOLS

Special

Shock absorber base	07959-MB10000
Lock nut wrench	07908-4690001 or KS-HBA-08-469 (U.S.A. only)
Socket bit, 17 mm	07917-3230000 or equivalent commercially available in U.S.A.
Bearing remover set	07936-8890101
– Bearing remover assy	07936-8890300
– Bearing remover	07936-8890200
– Remover weight	07741-0010201 or 07936-3710200
Pinion joint holder	07924-HA00000
Shaft puller	07931-ME40000 or 07931-ME4000A (U.S.A. only)
Lock nut wrench, 33 x 44 mm	07916-ME50001 or 07916-ME50000
Lock nut wrench attachment	07916-HA0010A (U.S.A. only)
Pinion gear	07945-HA00000
Water seal driver	07947-HA00000
Collar	07965-GA70101
Universal bearing puller	07631-0010000 or commercially available in U.S.A.

Common

Attachment, 32 x 35 mm	07746-0010100
Attachment, 37 x 40 mm	07746-0010200
Attachment, 42 x 47 mm	07746-0010300
Attachment, 52 x 55 mm	07746-0010400
Pilot, 30 mm	07746-0040700
Attachment, 62 x 68 mm	07746-0010500
Driver	07749-0010000
Driver	07746-0020100
Attachment, 20 mm ID	07746-0020400 or 07746-0030400
Shock absorber spring compressor	07959-3290001
Attachment, 22 mm	07746-0410000
Pilot, 35 mm	07746-0040800
Pilot, 28 mm	07746-0041100
Driver	07746-0030100

TROUBLESHOOTING

Wobble or vibration in ATC

1. Bent rim
2. Loose wheel bearing
3. Faulty rear axle bearing holder
4. Faulty tire
5. Axle not tightened properly.
6. Swing arm bearings worn

Poor brake performance

1. Improper brake adjustment
2. Worn brake shoes
3. Brake linings oily, greasy or dirty
4. Worn brake cam
5. Worn brake drum
6. Brake arm serrations improperly engaged
7. Brake shoes worn at cam contact area

Soft suspension

- Weak spring

Hard suspension

- Bent shock absorber

Suspension noise

1. Shock case binding.
2. Loose fasteners.

Excessive final drive noise

1. Worn or scored drive pinion and splines
2. Worn pinion and ring gears
3. Excessive backlash between pinion and ring gear
4. Oil level too low

Final drive oil leak

1. Clogged breather
2. Oil level too high
3. Seals damaged