

13 . REAR SUSPENSION



HONDA
ATC 250R

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SERVICE INFORMATION

GENERAL INSTRUCTIONS

This section deals with rear shock absorber and swingarm repairs.

TOOLS

Special	
Needle Bearing Remover Installer (Swingarm)	07946–KA5000 or M967–038–XXXXX (USA only)
Common	
Pilot 20 mm	07746–0040500
Attachment 62 x 68 mm	07746–0010500
Pilot 35 mm	07746–0040800
Driver Handle	07749–0010000
Pin Spanner	89201–KA4–8100
Pin Spanner	89202–KA4–8100

SPECIFICATIONS

Rear shock absorber spring free length	231 – 234 mm (9.09 – 9.21 in)
Reservoir nitrogen gas pressure	2,000 ± 200 kPa (20 ± 2 kg/cm ² , 284 ± 28 psi)

TROUBLESHOOTING

Soft suspension

1. Weak spring
2. Improper rear suspension adjustment
3. Insufficient nitrogen pressure

Suspension noise

1. Loose fasteners

Hard suspension

1. Improper spring adjustment
2. Excessive nitrogen pressure
3. Bent shock absorber rod

Wobble or vibration

1. Worn swingarm bushings
2. Loose swingarm pivot bolt