

10. FRONT WHEEL/FRONT FORK/STEERING



HONDA
ATC 250R

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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- This section covers maintenance of the front wheel, front fork and steering system.
- A jack or other support is required to support the ATC.

TOOLS

SPECIAL

Hollow Set Wrench 6 mm	07917 - 3230000 or Commercially available in USA
Tire Disassembling Tool	07722 - 0010000 or M987X - 350 - XXXXX (USA only)
Ball Race Driver	07953 - 3330000
Steering Stem Driver	07946 - 4300100 or 07946 - 3710600 (USA only)
Steering Stem Driver Attachment	GN HT-54 (USA only)

COMMON

Pin Spanner	07702 - 0010000 or M9361 - 412 - 099788 (USA only)
Lock Nut Socket 30 x 32 mm	07716 - 0020400 or Commercially available in USA
Extension	07716 - 0020500 or Commercially available in USA
Attachment 42 x 47 mm	07746 - 0010300 or 07946 - 3290000
Pilot 15 mm	07746 - 0040300
Front Fork Oil Seal Driver Body	07747 - 0010100
Front Fork Oil Seal Attachment (C)	07747 - 0010400 or 07947 - 1180001 (USA only)
Driver Handle	07749 - 0010000 or 07749 - 6110000

SPECIFICATIONS

ITEM		STANDARD	SERVICE LIMIT
Front axle runout		0.3 mm (0.01 in)	0.5 mm (0.02 in)
Front wheel bearing play	Radial	—————	0.05 mm (0.002 in)
	Axial	—————	0.10 mm (0.004 in)
Front fork spring free length	A	90.1 mm (3.55 in)	88.3 mm (3.48
	B	421.9 mm (16.61 in)	413.5 mm (16.28
Front fork tube runout		—————	0.20 mm (0.008 in)
Front wheel rim runout	Radial	—————	4.00 mm (0.157 in)
	Axial	—————	4.00 mm (0.157 in)