

11. BRAKE MECHANISM(FRONT DISC BRAKE)



HONDA
ATC 250R

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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- The front brake pads can be replaced without disconnecting the brake hose. Once the hydraulic system has been opened, or if the brake feels spongy, the system must be bled.
- The brake caliper should be disassembled before the master cylinder is disassembled.
- Do not allow foreign material to enter the system when filling the reservoir.
- Avoid spilling brake fluid on painted surfaces or instrument lenses, as severe damage will result.

TOOLS

Special
Snap Ring Pliers (Internal) 07914-3230001

SPECIFICATIONS

ITEM	STANDARD MM (in)		SERVICE LIMIT mm (in)	
Disc thickness	3.8-4.2	(0.150-0.165)	3.00	(0.118)
Disc runout	0-0.15	(0-0.006)	0.30	(0.012)
Master cylinder I.D.	12.700-12.743	(0.5000-0.5017)	12.755	(0.5022)
Master piston O. D.	12.657-12.684	(0.4983-0.4994)	12.645	(0.4979)
Caliper cylinder I. D.	30.230-30.280	(1.1902-1.1921)	30.290	(1.1925)
Caliper piston O. D.	30.148-30.198	(1.1869-1.1889)	30.140	(1.1866)

TROUBLESHOOTING

Poor brake performance

1. Air bubbles in hydraulic system
2. Worn brake pads
3. Pads fouled or glazed
4. Hydraulic system leaking