

13. HYDRAULIC DISC BRAKES

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SERVICE INFORMATION

GENERAL

- The front and rear brakes can be removed without disconnecting the hydraulic system.
- Once the hydraulic systems have been opened, or if the brakes feel spongy, the system must be bled.
- Do not allow foreign material to enter the system when filling the reservoir.
- Brake fluid will damage painted, plastic, and rubber parts. Whenever handling brake fluid, protect the painted, plastic, and rubber parts by covering them with a rag. If fluid does get on these parts, wipe it off with a clean cloth.
- Always check brake operation before riding the ATC.

SPECIFICATIONS

ITEM		STANDARD mm (in)	SERVICE LIMIT mm (in)
Front disc	Thickness	3.8-4.2 (0.15-0.17)	3.0 (0.12)
	Runout	0-0.15 (0-0.006)	0.3 (0.012)
Front master cylinder	Cylinder I.D.	12.700-12.743 (0.5000-0.5017)	12.755 (0.5022)
	Piston O.D.	12.657-12.684 (0.4983-0.4994)	12.645 (0.4978)
Front caliper	Cylinder I.D.	25.40-25.45 (1.000-1.002)	25.46 (1.002)
	Piston O.D.	25.30-25.35 (0.996-0.998)	25.30 (0.996)
Rear master cylinder	Cylinder I.D.	14.000-14.043 (0.5512-0.5529)	14.055 (0.5533)
	Piston O.D.	13.957-13.984 (0.5495-0.5506)	13.945 (0.5490)
Rear caliper	Cylinder I.D.	25.40-25.45 (1.000-1.002)	25.46 (1.002)
	Piston O.D.	25.318-25.368 (0.9968-0.9987)	25.30 (0.996)
Rear disc	Thickness	3.8-4.2 (0.15-0.17)	3.0 (0.12)
	Runout	0-1.5 (0-0.006)	0.3 (0.012)