

14. BRAKES (DISC BRAKE)

MAINTENANCE INFORMATION	14-1	FRONT MASTER CYLINDER	14-8
TROUBLE SHOOTING	14-2	REAR MASTER CYLINDER	14-11
BRAKE FLUID REPLACEMENT/ AIR BLEEDING	14-3	FRONT BRAKE CALIPER	14-14
BRAKE PADS/DISC	14-4	REAR BRAKE CALIPER	14-16
		BRAKE PEDAL	14-18

MAINTENANCE INFORMATION

Warnings

- When using brake fluid, ensure no water or foreign particles enter it
- Use only recommended brake fluid
- Use DOT 4 for front brake fluid and DOT 3 for rear
- Clean all dismantled parts of fluid and check each part
- Ensure foreign particles do not enter each removed part
- Brake pads may be replaced without removing hose
- If brake hose is removed, then bleed air
- Do not bend brake pipe

Item	Standard	Service limit
Brake disc width rear	3.8(4.8) - 4.2(5.2)	3.5(4.0)
Brake disc runout - front	-----	0.4
rear	-----	0.3
Front master cylinder I.D	14.000 - 14.043	14.055
Rear master cylinder I.D	12.700 - 12.743	12.755
Front master piston O.D	13.957 - 13.984	13.945
Rear master piston O.D	12.657 - 12.684	12.645
Caliper cylinder I.D	27.000 - 27.050	27.06
Caliper piston O.D	26.918 - 26.968	26.91

TORQUES

Bleeder valve	0.4 - 0.7kg-m	Master cylinder holder bolt	1.0 - 1.4kg-m
Front caliper bracket bolt	2.4 - 3.0kg-m	Brake hose bolt	2.5 - 3.5kg-m
Hanger pin	1.5 - 2.0kg-m	R. Step stay bolt	2.4 - 3.0kg-m
Rear hanger pin retainer bolt	0.8 - 1.3kg-m	R. Brake reservoir bolt	0.7 - 1.1kg-m
Rear caliper pin bolt 10mm	2.4 - 3.0kg-m	Rear master cylinder	1.0 - 1.4kg-m
Rear caliper pinch bolt	2.0 - 2.5kg-m	Front brake pipe (apply locking agent)	1.6 - 1.8kg-m