

1. Brakes

A: SPECIFICATIONS

Model		POST and BRIGHTON	EXCEPT POST and BRIGHTON	
Front disc brake	Size	14 inch type	15 inch type	
	Type	Disc (Floating type, ventilated)		
	Effective disc diameter	mm (in)	210 (8.27)	228 (8.98)
	Disc thickness × Outer diameter	mm (in)	24 × 260 (0.94 × 10.24)	24 × 277 (0.94 × 10.91)
	Effective cylinder diameter	mm (in)	57.2 (2.252)	42.8 (1.685) × 2
	Pad dimensions (length × width × thickness)	mm (in)	112.4 × 44.3 × 11.0 (4.425 × 1.744 × 0.433)	112.3 × 50.0 × 11.0 (4.421 × 1.969 × 0.433)
	Clearance adjustment		Automatic adjustment	
Rear disc brake	Type	—	Disc (Floating type)	
	Effective disc diameter	mm (in)	—	254 (10.0)
	Disc thickness × Outer diameter	mm (in)	—	10 × 290 (0.39 × 11.42)
	Effective cylinder diameter	mm (in)	—	38.1 (1.500)
	Pad dimensions (length × width × thickness)	mm (in)	—	82.4 × 33.7 × 9.0 (3.244 × 1.327 × 0.354)
Clearance adjustment		—	Automatic adjustment	
Rear drum brake	Type	Drum (Leading-Trailing type)	—	
	Effective drum diameter	mm (in)	228.6 (9)	—
	Effective cylinder diameter	mm (in)	20.6 (0.811)	—
	Lining dimensions (length × width × thickness)	mm (in)	218.8 × 35.0 × 4.1 (8.61 × 1.378 × 0.161)	—
Clearance adjustment		Automatic adjustment	—	
Parking brake	Type	Mechanical on rear brakes, drum in disc		
	Effective drum diameter	mm (in)	228.6 (9)	170 (6.69)
	Lining dimensions (length × width × thickness)	mm (in)	218.8 × 35.0 × 4.1 (8.61 × 1.378 × 0.161)	162.6 × 30.0 × 3.2 (6.40 × 1.181 × 0.126)
	Clearance adjustment		Automatic adjustment	Manual adjustment
Master cylinder	Type	Tandem		
	Effective diameter	mm (in)	25.4 (1)	26.99 (1-1/16)
	Reservoir type	Sealed type		
Brake fluid reservoir capacity	cm ³ (cu in)	205 (12.51)		
Brake booster	Type	Vacuum suspended		
	Effective diameter	mm (in)	180 + 205 (7.09 + 8.07)	205 + 230 (8.07 + 9.06)
Proportioning valve	Split point	kPa (kg/cm ² , psi)	3,678 (37.5, 533)	2,942 (30, 427)
	Reducing ratio		0.3	
Brake line		Dual circuit system		

B: SERVICE DATA

ITEM		STANDARD	SERVICE LIMIT
Front brake	Pad thickness (including back metal)	17 mm (0.67 in)	7.5 mm (0.295 in)
	Disc thickness	24 mm (0.94 in)	22 mm (0.87 in)
	Disc runout	—	0.075 mm (0.0030 in)
Rear brake (Disc type)	Pad thickness (including back metal)	14 mm (0.55 in)	6.5 mm (0.256 in)
	Disc thickness	10 mm (0.39 in)	8.5 mm (0.335 in)
	Disc runout	—	0.075 mm (0.0030 in)
Rear brake (Drum type)	Inside diameter	228.6 mm (9 in)	230.6 mm (9.08 in)
	Lining thickness	4.1 mm (0.161 in)	1.5 mm (0.059 in)
Rear brake (Disc type parking)	Inside diameter	170 mm (6.69 in)	171 mm (6.73 in)
	Lining thickness	3.2 mm (0.126 in)	1.5 mm (0.059 in)
Parking brake	Lever stroke	7 to 8 notches/196 N (20 kg, 44 lb)	

		Brake pedal force	Fluid pressure	
			14 inch type	15 inch type
Brake booster	Brake fluid pressure without engine running	147 N (15 kg, 33 lb)	785 kPa (8 kg/cm ² , 114 psi)	686 kPa (7 kg/cm ² , 100 psi)
		294 N (30 kg, 66 lb)	1,961 kPa (20 kg/cm ² , 284 psi)	1,765 kPa (18 kg/cm ² , 256 psi)
	Brake fluid pressure with engine running and vacuum at 66.7 kPa (500 mmHg, 19.69 inHg)	147 N (15 kg, 33 lb)	6,375 kPa (65 kg/cm ² , 924 psi)	5,688 kPa (58 kg/cm ² , 825 psi)
		294 N (30 kg, 66 lb)	9,121 kPa (93 kg/cm ² , 1,322 psi)	9,905 kPa (101 kg/cm ² , 1,436 psi)

C: RECOMMENDED BRAKE FLUID

FMVSS No. 116, fresh DOT3 or 4 brake fluid

CAUTION:

- Avoid mixing brake fluid of different brands to prevent the fluid performance from degrading.
- When brake fluid is supplemented, be careful not to allow any dust into the reservoir.
- Use fresh DOT3 or 4 brake fluid when replacing or refilling the fluid.

D: BRAKE FLUID LEVEL INDICATOR

Reserve tank with level indicator:

Residual fluid quantity at light ON

Approx. 80 cm³ (4.88 cu in)

Tank capacity

205 cm³ (12.51 cu in)