SPECIFICATIONS

Item	Specification	
Master cylinder •Type •I.D. mm(in.) •Fluid level warning sensor	Tandem type 23.81 (0.937) Provided	
Brake booster •Type •Effective dia. mm(in.) •Boosting ratio	Vacuum Tandem type with 7+8 in. 7.5 : 1	
Proportioning valve •Cut-in pressure(Split point) •Decompression ratio	4 DR 26 Kgf/cm² 0.27 : 1	5 DR 40 Kgf/cm² 0.32 : 1
Front brake(Disc) •Type •Disc O.D. •Disc thickness •Pad thickness •Cylinder I.D.	Floating type with ventilated disc 257 mm (10.12 in.) 24 mm (0.94 in.) 11 mm (0.43 in.) 54 mm (2.13 in.)	
Rear brake(Disc) •Type •Disc O.D. •Disc thickness •Pad thickness •Cylinder I.D.	Floating type with solid disc 258 mm (10.16 in.) 10 mm (0.39 in.) 9 mm (0.35 in.) 33.96 mm (1.34 in.)	
Rear brake(Drum) •Type •Drum I.D. •Drum thickness •Brake lining thickness •Clearance adjustment	Leading trailing drum 203.2 mm (8 in.) 5.2 mm (0.2 in.) 5.14 mm (0.2 in.) Automatic	

Parking brake •Actuation •Type •Cable arrangement	Mechanical brake acting on rear wheels Lever V type

O.D = Outer Diameter
I.D = Inner Diameter

SERVICE STANDARD

	Standard value	Service limit
Brake pedal height	135 mm (5.31 in.)	
Brake pedal stroke	128 mm +5, 0 (5.04 in. +0.2, 0)	
Stop lamp switch outer case to pedal stopper clearance	0.5~1.0 mm (0.02~0.04 in.)	
Brake pedal free play	3~8 mm (0.11~0.31 in.)	
Brake pedal to floorboard clearance	61 mm (2.40 in.) or more	
Booster push rod to master cylinder piston clearance	0 (at 500 mmHg vacuum)	
Parking brake lever stroke when lever assembly is pulled with 196N (20Kg, 44lb force)	8~9 clicks: Rear Disc type 8 clicks: Rear Drum type	
Front disc brake pad thickness	11 mm (0.43 in.)	2 mm (0.079 in.)
Front disc thickness (minimum)	24 mm (0.945 in.)	22.4 mm (0.882 in.)
Front disc runout		0.1 mm (0.004 in.)
Front disc parallelism		0.015 mm (0.0006 in.)
Rear drum brake lining thickness	4.5 mm (0.177 in.)	1.0 mm (0.039 in.)
Rear drum brake drum I.D. (maximum)	203.2 mm (8 in.)	205.2 mm (8.079 in.)
Rear disc brake pad thickness	9 mm (0.354 in.)	2 mm (0.079 in.)
Rear disc brake disc thickness	10 mm (0.4 in.)	8 mm (0.315 in.)
Rear disc runout		0.1 mm (0.004 in.)
Rear disc parallelism		0.015 mm (0.0006 in.)

TIGHTENING TORQUE

	Nm	Kgf·cm	lbf·ft

Master cylinder to booster mounting nut	8~12	80~120	5.9~8.9
Brake booster mounting nut	13~16	130~160	9.6~11.8
Brake booster vacuum hose fitting to surge tank	15~18	150~180	11.1~13.3
Bleeder screw	7~13	70~130	5.2~9.6
Brake tube nut, brake hose	13~17	130~170	9.6~12.5
Caliper guide rod bolt	22~32	220~320	16.2~23.6
Caliper pin bolt	35~45	350~450	25.8~33.2
Caliper assembly to knuckle	69~85	690~850	50.9~62.7
Brake hose to front caliper	25~30	250~300	18.4~22.1
Brake hub flange nut	200~260	2000~2600	147.5~191.8
Wheel cylinder mounting bolt	5~11	50~110	3.7~8.1

CAUTION

Replace self-locking nuts with new ones after removal.

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Rear brake(Disc) •Type •Disc O.D. •Disc thickness •Pad thickness •Cylinder I.D.	Floating type with solid disc 258 mm (10.16 in.) 10 mm (0.39 in.) 9 mm (0.35 in.) 33.96 mm (1.34 in.)
Rear brake(Drum) •Type •Drum I.D. •Drum thickness •Brake lining thickness •Clearance adjustment	Leading trailing drum 203.2 mm (8 in.) 5.2 mm (0.2 in.) 5.14 mm (0.2 in.) Automatic
Parking brake •Actuation •Type •Cable arrangement	Mechanical brake acting on rear wheels Lever V type

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