

BRAKE SYSTEM

Specifications

Brake pedal	Pedal height (from asphalt sheet)		161 – 171 mm	6.34 – 6.73 in.
	Pedal freeplay		3 – 6 mm	0.12 – 0.24 in.
	Stop light switch to pedal clearance		0.5 – 2.4 mm	0.02 – 0.09 in.
	Pedal reserve distance at 490 N (50 kgf, 110 lbf)		More than 59 mm (2.32 in.)	
Brake booster	Booster push rod to piston clearance at Idling vacuum w/ SST		0.1 – 0.5 mm 0 mm	0.004 – 0.020 in. 0 in.
Front brake	Pad thickness	STD	9.5 mm	0.374 in.
		Limit	4.0 mm	0.157 in.
	Disc thickness	STD	25.0 mm	0.984 in.
		Limit	23.0 mm	0.906 in.
Rear brake	Disc runout	Limit	0.15 mm	0.0059 in.
	Drum inside diameter	STD	295.0 mm	11.614 in.
		Limit	297.0 mm	11.693 in.
	Lining thickness	STD	6.5 mm	0.256 in.
Parking brake		Limit	1.5 mm	0.059 in.
	Drum to shoe clearance		0.6 mm	0.024 in.
Parking brake	Lever travel	at 196 N (20 kgf, 44.1 lbf)	7 – 9 clicks	

Torque Specifications

Part tightened	N·m	kgf·cm	ft·lbf
Bleeder plug	11	110	8
Piston stopper bolt x Master cylinder	10	100	7
Reservoir set bolt x Master cylinder	1.7	17.5	15.2 in.·lbf
Master cylinder x Brake booster	13	130	9
Brake tube union nut	15	155	11
Brake booster x Pedal bracket	13	130	9
Brake booster clevis lock nut	25	260	19
Front disc x Front axle hub	74	750	54
Front disc brake cylinder x Brake hose	30	310	22
Front disc brake cylinder x Steering knuckle	123	1,250	90
Drum brake backing plate x Rear axle housing	123	1,250	90
Parking brake bellcrank bracket x Backing plate	13	130	9
Rear brake wheel cylinder x Backing plate	10	100	7
LSPV x Valve bracket	13	130	9
Load sensing spring x No.1 shackle	18	185	13
Load sensing spring x Valve bracket	18	185	13
LSPV shackle bracket x Rear axle housing	19	195	14
LSPV shackle lock nut	25	250	18
LSPV No.2 shackle x Shackle bracket	13	130	9