

BRAKE SYSTEM**Specifications**

Brake pedal	Pedal height (from floor panel)		151.5 mm	5.965 in.
	Pedal freeplay		1 – 3 mm	0.04 – 0.12 in.
	Pedal reserve distance			
	at 50 kg (110.2 lb, 490 N)			
	Front disc brake		More than 58 mm (2.28 in.)	
Brake booster	Front drum brake			
	1RZ engine		More than 62 mm (2.44 in.)	
	2L, 3L engine		More than 55 mm (2.17 in.)	
Brake booster	Booster push rod to piston clearance			
	w/ SST		0 mm	0 in.
Front brake (Drum)	Drum inside diameter	STD	254.0 mm	10.000 in.
		Limit	256.0 mm	10.079 in.
	Lining thickness	STD	6.0 mm	0.236 in.
		Limit	1.0 mm	0.039 in.
Front brake (Disc)	Disc thickness	2WD	STD	25.0 mm
			Limit	23.0 mm
		4WD	STD	22.0 mm
			Limit	20.0 mm
	Disc runout		Limit	0.12 mm
	Pad lining thickness	STD	10.0 mm	0.394 in.
		Limit	1.0 mm	0.039 in.
Rear brake (2WD)	Drum inside diameter	STD	270.0 mm	10.630 in.
		Limit	272.0 mm	10.709 in.
	Lining thickness	STD	5.5 mm	0.217 in.
		Limit	1.0 mm	0.039 in.
	Drum to shoe clearance		0.6 mm	0.024 in.
Rear brake (4WD)	Drum inside diameter	STD	295.0 mm	11.614 in.
		Limit	297.0 mm	11.693 in.
	Lining thickness	STD	6.0 mm	0.236 in.
		Limit	1.0 mm	0.039 in.
	Drum to shoe clearance		0.6 mm	0.024 in.
Parking brake	Lever travel	at 20 kg (44.1 lb, 196 N)		
		LHD	18 – 24 clicks	
		RHD	7 – 9 clicks	

Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Bleeder plug	110	8	11
Piston stopper bolt x Master cylinder	100	7	10
Master cylinder x Brake booster	130	9	13
Brake tube union nut	155	11	15
Check valve (Diesel engine)	300	22	29
Brake booster x Pedal bracket	130	9	13
Brake booster clevis lock nut	260	19	25
Vacuum pump check valve	750	54	74
Vacuum hose union bolt	140	10	14
Vacuum pump pulley lock nut	1,125	81	110
Seat belt buckle installation bolt (RHD)	420	30	41
Seat installation bolts	400	29	39
Front Drum Brake			
Backing plate x Steering knuckle	1,100	80	108
Wheel cylinder x Backing plate	185	13	18
Wheel cylinder x Brake tube	155	11	15
Brake drum x Axle hub	70	61 in. -lb	6.9
Front Disc Brake			
Front disc brake cylinder installation bolt	400	29	39
Front rotor disc x Axle hub (2WD)	700	51	68
(4WD)	650	47	64
Front disc brake torque plate x Steering knuckle (2WD)	1,500	108	147
(4WD)	1,000	72	98
Front disc brake cylinder x Flexible hose	310	22	30
Rear Brake (2WD-RHD)			
Rear drum brake wheel cylinder x Backing plate	100	7	10
Wheel cylinder x Brake tube	155	11	15
Rear Brake (4WD and 2WD-LHD)			
Parking brake bellcrank x Backing plate	130	9	13
Wheel cylinder x Backing plate	100	7	10
Wheel cylinder x Brake tube	155	11	15
Bellcrank adjusting bolt lock nut	55	48 in. -lb	5.4
LSP & BV x Valve bracket	130	9	13
Load sensing spring x Shackle No.1	185	13	18
Load sensing spring x Load sensing valve	185	13	18
LSP & BV x Frame	195	14	19
Shackle lock nut	250	18	25
LSP & BV x Shackle bracket	130	9	13
Shackle bracket x Rear axle	195	14	19