

BRAKE SYSTEM

Specifications

Brake pedal	Pedal height (from indented face of asphalt sheet)		157 — 167 mm	6.18 — 6.57 in.
	Pedal freeplay		3 — 6 mm	0.12 — 0.24 in.
	Pedal reserve distance at 50 kg (110.2 lb, 490 N)		More than 77 mm (3.03 in.)	
Brake booster	Booster push rod to piston clearance w/ SST		0 mm	0 in.
Front brake	Pad thickness	STD	10.0 mm	0.394 in.
		Limit	1.0 mm	0.039 in.
	Disc thickness	STD	22.0 mm	0.866 in.
		Limit	21.0 mm	0.827 in.
Disc runout	Limit	0.07 mm	0.0028 in.	
Rear brake	Pad thickness	STD	9.0 mm	0.394 in.
		Limit	1.0 mm	0.039 in.
	Disc thickness	STD	18.0 mm	0.710 in.
		Limit	17.0 mm	0.669 in.
Disc runout	Limit	0.13 mm	0.0052 in.	
Parking brake	Rear disc inner diameter	STD	176 mm	6.93 in.
		Limit	177 mm	6.97 in.
	Lining thickness	STD	2.0 mm	0.079 in.
		Limit	1.0 mm	0.039 in.
	Lever travel at 20 kg (44.1 lb, 196 N)		5 — 8 clicks	
	Clearance between rear shoe and lever		Less than 0.35 mm (0.0138 in.)	
	Adjusting shim thickness		0.3 mm	0.012 in.
		0.6 mm	0.024 in.	
		0.9 mm	0.035 in.	

Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Master cylinder x Reservoir (w/o ABS)	250	18	25
(w/ ABS)	17.5	15.2 in.-lb	1.7
Piston stopper bolt x Master cylinder	100	7	10
Master cylinder x Brake booster	130	9	13
Brake booster x Clevis lock nut	260	19	25
Brake booster x Pedal bracket	130	9	13
Front disc brake torque plate x Steering knuckle	925	67	91
Front disc brake cylinder sliding pin	900	65	88
Front disc brake dust cover x Knuckle	185	13	18
Brake hose	235	17	23

Torque Specifications (Cont'd)

Part tightened	kg-cm	ft-lb	N·m
Brake tube union nut	155	11	15
Bleeder plug	85	74 in.-lb	8.3
Rear disc brake torque plate x Axle carrier	475	34	47
Rear disc brake cylinder installation bolt	255	18	25
ABS actuator x Way union	160	12	16
ABS actuator x Actuator bracket	55	48 in.-lb	5.4
ABS actuator bracket x Body	195	14	19
Front speed sensor installation bolt	120	9	12
Rear speed sensor installation bolt	160	12	16