BRAKE SYSTEM

Specifications

Brake pedal	Pedal height (from asphalt sheet)		180 mm	7.09 in.
	Pedal freeplay		3 – 6 mm	0.12 – 0.24 in.
	Pedal reserve distance at 50 kg (110.2 lb, 490 N)		More than 90 mm (3.54 in.)	
Brake booster	Booster push rod to piston clearance			
	at Idling vacuum		0.1 – 0.5 mm	0.004 – 0.020 in.
	w/SST		0 mm	0 in.
Front brake	Pad thickness	STD	10.0 mm	0.394 in.
		Limit	4.0 mm	0.157 in.
	Disc thickness	STD	20.0 mm	0.787 in.
		Limit	19.0 mm	0.748 in.
	Disc runout	Limit	0.15 mm	0.0059 in.
Rear brake	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.
		Limit	1.5 mm	0.059 in.
	Drum to shoe clearance		0.6 mm	0.024 in.
Parking brake	Lever travel at 20 kg (44.1 lb, 196 N)		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
Outer plug x Master cylinder	450	33	44
Reservoir set bolt x Master cylinder	250	18	25
Master cylinder x Brake booster	130	9	13
Brake tube union nut	155	11	15
Brake booster x Pedal bracket	130	9	13
Front disc x Front axle hub	475	34	47
Front disc brake cylinder x Steering knuckle	1,250	90	123
Drum brake backing plate x Rear axle housing	1,250	90	123
Parking brake bellcrank bracket x Backing plate	130	9	13
Rear brake wheel cylinder x Backing plate	100	7	10
LS PV x Valve bracket	130	9	13
Load sensing spring x No. 1 shackle	185	13	18
Load sensing spring x Valve bracket	185	13	18
LSPV shackle bracket x Rear axle housing	195	14	19
LSPV shackle lock nut	250	18	25
LSPV No. 2 shackle x Shackle bracket	130	9	13