

SERVICE SPECIFICATIONS

BR03A-OJ

SERVICE DATA

Brake pedal height from asphalt sheet (LHD)		167.5 – 177.5 mm (6.59 – 6.99 in.)
Brake pedal freeplay		1 – 6 mm (0.04 – 0.24 in.)
Brake pedal reserve distance at 490 N (50 kgf, 110.2 lbf)		More than 59 mm (2.32 in.)
Brake booster push rod to piston clearance (W/ SST)		0 mm (0 in.)
Front brake pad thickness	STD	9.5 mm (0.374 in.)
Front brake pad thickness	Limit	4.0 mm (0.157 in.)
Front brake disc thickness	STD	32 mm (1.260 in.)
Front brake disc thickness	Limit	30 mm (1.181 in.)
Front brake disc runout	Limit	0.15 mm (0.0059 in.)
Rear brake drum inside diameter	STD	295.0 mm (11.614 in.)
Rear brake drum inside diameter	Limit	297.0 mm (11.693 in.)
Rear brake drum lining thickness	STD	6.5 mm (0.265 in.)
Rear brake drum lining thickness	Limit	1.5 mm (0.059 in.)
Rear brake drum to shoe clearance		0.6 mm (0.024 in.)
Rear brake disc pad thickness	STD	9.0 mm (0.354 in.)
Rear brake disc pad thickness	Limit	1.0 mm (0.039 in.)
Rear brake disc thickness	STD	18.0 mm (0.709 in.)
Rear brake disc thickness	Limit	16.0 mm (0.630 in.)
Rear brake disc runout	Limit	0.15 mm (0.0059 in.)
Rear brake disc inside diameter	STD	210 mm (8.27 in.)
Rear brake disc inside diameter	Limit	211 mm (8.31 in.)
Parking brake lining thickness	STD	4.0 mm (0.157 in.)
Parking brake lining thickness	Limit	1.0 mm (0.039 in.)
Parking brake lever travel at 196 N (20 kgf, 44.1 lbf)		7 – 9 clicks
Parking brake clearance between rear shoe and lever		Less than 0.35 mm (0.012 in.)
Parking brake adjusting shim thickness for rear disc brake		0.3 mm (0.012 in.)
		0.6 mm (0.024 in.)
		0.9 mm (0.035 in.)

TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Master cylinder x Piston stopper bolts	10	100	7
Master cylinder x Reservoir	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 clevis lock nut	25	260	19
Brake booster x Pedal bracket	13	130	9
Bleeder plug	11	110	8
Front disc brake cylinder installation bolt	123	1,250	90
Front disc brake cylinder x Flexible hose	30	310	22
Rear drum brake wheel cylinder x Backing plate	10	100	7
Parking brake bellcrank x Backing plate	13	130	9
Rear disc brake cylinder installation bolt	88	900	65
Rear disc brake cylinder x Flexible hose	30	310	22
Rear disc brake torque plate x knuckle	103	1,050	76
LSP & BV Bracket x Frame	19	195	14
LSP & BV x LSP & BV Bracket	13	130	9
LSP & BV Spring x LSP & BV Bracket	18	185	13
LSP & BV Spring x Shackle No. 1	18	185	13
LSP & BV Shackle lock nut	25	250	18
LSP & BV Shackle x Shackle bracket	13	130	9
LSP & BV Shackle bracket x Rear axle housing	19	195	14
ABS actuator bracket x Body	19	195	14
Front speed sensor installation bolt	18	185	13
Rear speed sensor installation bolt	18	185	13