

BRAKE

SERVICE DATA

SS084-04

Brake pedal height (from dash panel) (w/o VSC, standard, access cab)		163.6 to 173.6 mm (6.44 to 6.83 in.)
Brake pedal height (from dash panel) (w/ VSC, standard, access cab)		164.0 to 174.0 mm (6.46 to 6.85 in.)
Brake pedal height (from dash panel) (double cab)		151.1 to 165.1 mm (5.95 to 6.50 in.)
Stop light switch clearance		0.5 to 2.4 mm (0.020 to 0.094 in.)
Brake pedal free play		1 to 6 mm (0.04 to 0.24 in.)
Parking brake pedal travel at 294 N (30 kgf, 66 lbf)		8 to 10 clicks
Parking brake lever travel at 196 N (20 kgf, 44 lbf)		19 to 25 clicks
Brake booster push rod to piston clearance (w/ SST)		0 mm (0 in.)
Brake pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf)		More than 95 mm (3.74 in.)
Front brake pad thickness	STD	11.5 mm (0.453 in.)
	Minimum	1.0 mm (0.039 in.)
Front brake disc thickness	STD	28.0 mm (1.102 in.)
	Minimum	26.0 mm (1.024 in.)
Front brake disc runout	Maximum	0.07 mm (0.0028 in.)
Rear brake drum inside diameter	STD	295.0 mm (11.614 in.)
	Maximum	297.0 mm (11.693 in.)
Rear brake shoe lining thickness	STD	6.0 mm (0.236 in.)
	Minimum	1.0 mm (0.039 in.)
Rear brake drum to shoe clearance		0.5 mm (0.020 in.)
Rear axle load (includes vehicle weight) (standard cab)		950 kg (2,094 lb)
Rear axle load (includes vehicle weight) (access cab) 1GR-FT		1,000 kg (2,205 lb)
Rear axle load (includes vehicle weight) (access cab) 2UZ-FT		1,050 kg (2,315 lb)
Rear brake pressure (front brake pressure at 7,845 kPa (80 kgf/cm ² , 1,138 psi)		5,110 ± 490 kPa (52.1 ± 5 kgf/cm ² , 741 ± 71 psi)
Fluid pressure (LSP & BV) initial set		120 mm (4.72 in.)
Fluid pressure (LSP & BV) adjustment range		112 to 128 mm (4.41 to 5.04 in.)
Valve piston pin and load sensing contact surface	Wear limit	0.7 mm (0.028 in.)